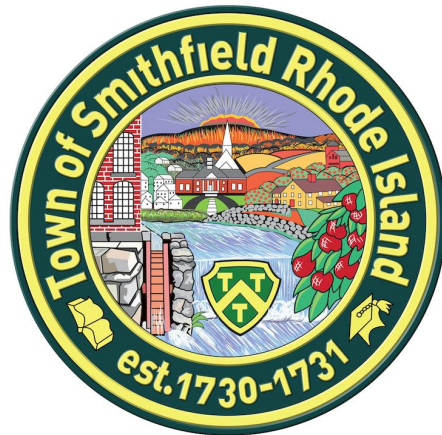


# TOWN OF SMITHFIELD

## CAPITAL IMPROVEMENTS PROGRAM



**Fiscal Years  
2019 – 2024**

Proposed for Public Hearing and Approval  
December 19, 2017



Town of Smithfield

*PROPOSED  
CAPITAL IMPROVEMENT PROGRAM  
PLAN*

2019-2024

Submitted To:

**Smithfield Town Council**

Paul M. Santucci  
*President*

Alberto J. LaGreca, Jr.  
*Vice President*

Maxine Cavanagh  
Suzanna L. Alba  
T. Michael Lawton  
*Council Persons*

Submitted By:

Randy R. Rossi  
Town Manager



**Town of Smithfield**  
**Capital Improvement Program Plan**  
*Fiscal Years: 2019 – 2024*

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**MEMORADUM**

TO: Honorable Members, Smithfield Town Council

FROM: Randy R. Rossi, Town Manager

DATE: December 4, 2017

RE: Capital Improvements Program (CIP)

This memorandum transmits the proposed FY 2019-2024 Capital Improvements Program for the Town of Smithfield. Our objective is to produce a document that plans for the physical needs of the Town, consistent with its Comprehensive Plan, but also recognizes its fiscal constraints, thereby serving as an important budgeting tool for the future.

By activity, the proposed CIP includes expenditures totaling \$126,696,351 over the six-year period, as follows:

Police Department:	1,025,000	Greenville Public Library:	9,713,471
Fire Department	12,300,175	Town Hall and Other Departments:	3,400,000
Public Works:	9,697,000	Engineering:	5,795,000
Parks & Recreation:	875,000	Ice Rink:	1,950,000
Senior Center:	174,000	Sewer Authority:	5,281,000
School Department:	54,879,197	Water Supply Board:	11,584,000
East Smithfield Public Library	10,022,508		

The Town staff and I look forward to working with the Town Council and our citizens in helping to refine and improve upon this document now, and over the years.

Finally, special recognition is acknowledged to all department managers who cooperated with this effort in developing a comprehensive Capital Improvement Program for Town Council consideration stipulated under the Charter.





**TOWN OF SMITHFIELD**  
**CAPITAL IMPROVEMENTS PROGRAM**  
**2019-2024**

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**INTRODUCTION**

Section 5.13 of the Town Charter calls for the Town Manager to submit a proposed six-year Capital Improvements Program (CIP) to the Town Council. Once the first CIP was adopted in 1995, a proposed revised CIP is submitted bi-annually in odd-numbered years. A CIP serves two purposes: it establishes a town's policies and goals for the future and serves as a means to communicate and coordinate financial needs, estimates and budgets. Implemented correctly, the CIP enables the town to evaluate projects based on the goals and objectives as established in its Comprehensive Plan. A realistic CIP can serve many roles:

1. Achieve better use of taxpayers' dollars by ensuring coordinated, planned capital improvement programming.
2. Better involve the public in balancing capital needs with available resources.
3. Encourage a more effective allocation of resources to reflect the priorities of the elected representatives of the citizens.
4. Improve intergovernmental and regional cooperation.
5. Maintain a sound and stable financial program.

**Capital Improvements Projects Defined**

In Smithfield, by ordinance, capital improvements mean improvements in excess of ten thousand dollars must be on a bid basis utilizing a Request for Proposals (RFP) or Request for Qualifications (RFQ) format which increases or improves the service capacity of a public facility through a competitive bidding process, utilization of the state bid list or other purchasing cooperatives. The Capital Reserve Fund shall be used for funding capital improvement expenditures with a useful life of ten years or more which increases or improves the service capacity of a public facility. This policy does not preclude the funding of any additional capital assets from the general fund or other sources.

A public facility means:

1. Water supply production, treatment, storage and distribution facilities.
2. Wastewater and solid waste collection, treatment and disposal facilities.
3. Roads, streets, and bridges including rights of way, traffic signals, landscaping and local components of state and federal highways.
4. Storm water collection, retention, detention, treatment and disposal facilities, flood control facilities, bank and shore projections and enhancement facilities.
5. Parks, open space areas and recreational facilities.

6. Police, emergency medical, rescue and fire protection facilities.
7. Public schools and libraries
8. Other public facilities consistent with the Smithfield Capital Improvement Program Plan or Comprehensive Community Plan including but not limited to historic preservation restoration projects.

### Capital Improvement Program Process

In August of 2017, departments began to identify their capital needs for the ensuing six years. Each department developed its own six year CIP Plan and prioritized the potential projects. Following this step one member from the Asset Management Commission, one member from the Financial Review Commission, the Town Planner, and the Town Manager/Finance Director reviewed each proposal. A prioritization of all proposed projects within the Town's financial capacity was created. The document was then consolidated and requests were compared to financial projections prepared by the Town Manager/Finance Director. School Department and Library Board requests were not modified. The proposed CIP is then submitted to the Planning Board for approval and later forwarded to the Town Council, who will schedule a public hearing. After the hearing, the Council will adopt the CIP with or without amendments. **The CIP, unlike the Town Budget, does not authorize any spending or appropriate any funds.** As a planning document, Town Councils are free to depart from the CIP at any time. Generally each year's proposed budget submitted by the Town Manager may incorporate the ensuing fiscal year's adopted CIP projects.

### Overview

A project description page fully explains each CIP project. All projects proposed by a particular department have been grouped together. Descriptions and justifications were derived from Project Request Forms submitted by each department at the beginning of the CIP process. The Project Description pages also suggest funding sources and apportionment for each project over the six-year Capital Program.

Project funding sources are separated into several groups, General Fund, Ice Rink Reserve Fund, Grants, Fund Raising and Matching Funds, General Obligation Bonds, Rhode Island Infrastructure Bank, Impact Fees, Police Equipment Escrow Fund, Rescue Billing Fund, Water Reserve Fund and Sewer Reserve Fund. Within each group, projects are organized by year from 2019-2024. Projects programmed over more than one year will appear according to the first year funds will be disbursed and each succeeding year of planned expenditures.

### **FINANCIAL ANALYSIS**

Financial analysis is a fundamental component of the Capital Improvement Program process. This section summarizes allocations by functions and revenues by source. It also contains projections of revenues, operating expenses and obligated debt service to determine funds available for future capital projects.

### Methodology

Historic trends in General Fund revenues and expenditures were analyzed for each year from 2014-2018. Financial projections contained in the Capital Improvements Program are based

on these trends, modified to reflect changing economic conditions expected during the remainder of the CIP period. Real and personal property assessed valuations are expected to increase 1% and 2% respectively, for Fiscal Year 2019 thru 2024, on an annual basis.

General Fund operating expenditures are projected to increase by 4% annually for Fiscal Years 2019 thru 2024. Debt service assumes current debt service.

Financing for the proposed CIP over the next six years would be predominately derived from the Town's General Fund. Other special restricted Town funds will, however, play an important role in funding new capital projects, thus reducing the reliance on the General Fund, which primarily is responsible for financing ongoing operating expenditures each year. The following identifies the major special funds that are available to finance future capital projects in Smithfield:

#### Police Equipment Escrow Fund

This special fund was created in 1995 to incorporate all unexpended Police appropriations. These funds will be used to purchase the Department's police cruisers and other equipment needs. This fund also incorporates the Town's share of fees from the Administrative Adjudication Court.

#### Fire/Rescue Billing Fund

In 1995, the Council created a special fund to receive third-party billing payments from insured persons that are transported by fire department emergency rescue apparatus. The creation of this additional funding source means that the General Fund will be less relied upon for the purchase of equipment and apparatus necessary to maintain the Town's emergency medical services.

#### Ice Rink Reserve Fund

This represents fund equity (working capital) from the Ice Rink Enterprise Fund. These funds are used exclusively for improvements to the Smithfield Ice Rink.

#### Water Reserve Fund

This represents fund equity (working capital) from the Water Enterprise Fund. These funds are used exclusively for improvements to the Smithfield Water Supply System.

#### Sewer Reserve Fund

This represents fund equity (working capital) from the Sewer Enterprise Fund. These funds are used exclusively for improvements to the Smithfield Wastewater Treatment System.



Town of Smithfield  
**Historical and Projected General Fund Revenues**  
*Fiscal Years 2014-2018*

<b>Fiscal Year</b>	<b>Property Taxes <sup>3</sup></b>	<b>License, Fees and Permits</b>	<b>Departmental Revenue</b>	<b>Inter-Governmental</b>	<b>Transfer from Fund Balance</b>	<b>Miscellaneous <sup>4</sup></b>	<b>Revenue for Capital Exp.</b>	<b>Total</b>	<b>% Change for Prior Year</b>
2014 <sup>1</sup>	52,750,543	970,645	276,036	6,922,219	4,651,748	452,989	1,581,660	67,605,840	7.04%
2015 <sup>1</sup>	53,957,255	751,763	541,630	7,349,006	4,761,592	422,158	1,515,278	69,298,682	2.50%
2016 <sup>1</sup>	55,499,567	938,783	742,030	7,552,669	4,936,122	454,790	1,902,771	72,026,732	14.04%
2017 <sup>1</sup>	56,470,017	1,044,211	648,035	8,305,672	4,812,109	336,035	1,404,594	73,020,673	8.01%
2018 <sup>2</sup>	58,364,817	770,000	550,000	8,490,702	600,000	355,000	3,155,000	72,285,519	4.31%

*Note: 1. 2014 - 2017 figures are audited amounts*

*2. 2018 figures are projected amounts*

*3. Amounts consist of Property Taxes, Motor Vehicle Phase-out*

*4. Amounts consist of Interest Income, Interest on Taxes and other Miscellaneous Revenues.*



Town of Smithfield  
**Historical and Projected**  
**General Fund Expenditures and Debt Service**  
*Fiscal Years 2014-2018*

Fiscal Year	General Fund Expenditures			Total	% Change from Prior Year
	Expenditures	Capital Outlay	Debt Service		
2014 <sup>1</sup>	59,476,119	1,422,129	1,926,766	62,825,014	5.51%
2015 <sup>1</sup>	61,596,503	978,834	1,889,350	64,464,687	2.61%
2016 <sup>1</sup>	63,591,392	1,214,916	1,940,145	66,746,453	3.54%
2017 <sup>1</sup>	65,328,767	922,604	1,919,568	68,170,939	2.13%
2018 <sup>2</sup>	68,399,199	1,496,745	2,389,575	72,285,519	6.04%

Note: 1. 2014-2017 figures are audited amounts.  
2. 2018 figures are projected amounts.





Town of Smithfield  
**Projected General Fund Property Tax Revenues**  
*Fiscal Years 2019-2024*

Fiscal Year		Assessed Value 1	Tax Rate	General Fund Operating Tax Revenues	TOTAL Taxes Collected
2019	Residential Real Estate	1,411,236,907	18.59	26,234,894	60,426,935
	Commercial Real Estate	473,835,814	19.48	9,229,976	
	Frozen Tax Levy	584,603,220		9,380,212	
	Motor Veh Phase-out			586,100	
	Motor Vehicles	160,129,405	39.00	6,245,047	
	Personal Property	144,068,251	60.74	8,750,706	
2020 REVAL	Residential Real Estate	1,524,418,107	18.77	28,613,328	63,428,032
	Commercial Real Estate	511,742,679	19.67	10,064,894	
	Frozen Tax Levy	527,746,225		9,018,000	
	Motor Veh Phase-out			586,100	
	Motor Vehicles	161,730,699	39.00	6,307,497	
	Personal Property	145,508,934	60.74	8,838,213	
2021	Residential Real Estate	1,541,644,031	19.99	30,817,464	66,549,295
	Commercial Real Estate	517,064,803	20.95	10,830,564	
	Frozen Tax Levy	527,746,225		9,018,000	
	Motor Veh Phase-out			586,100	
	Motor Vehicles	163,348,006	39.00	6,370,572	
	Personal Property	146,964,023	60.74	8,926,595	
2022	Residential Real Estate	1,557,214,636	21.26	33,106,383	69,794,458
	Commercial Real Estate	522,235,451	22.28	11,633,836	
	Frozen Tax Levy	527,746,225		9,018,000	
	Motor Veh Phase-out			586,100	
	Motor Vehicles	164,981,486	39.00	6,434,278	
	Personal Property	148,433,663	60.74	9,015,861	
2023 REVAL	Residential Real Estate	1,682,103,250	21.10	35,492,379	73,171,102
	Commercial Real Estate	564,014,287	22.11	12,469,983	
	Frozen Tax Levy	527,746,225		9,018,000	
	Motor Veh Phase-out			586,100	
	Motor Vehicles	166,631,301	39.00	6,498,621	
	Personal Property	149,918,000	60.74	9,106,019	
2024	Residential Real Estate	1,699,260,703	22.35	37,978,477	76,684,077
	Commercial Real Estate	569,654,430	23.42	13,340,814	
	Frozen Tax Levy	527,746,225		9,018,000	
	Motor Veh Phase-out			586,100	
	Motor Vehicles	168,297,614	39.00	6,563,607	
	Personal Property	151,417,180	60.74	9,197,079	

Note: 1. (A) Assumes an approximate 1% growth rate for personal property, motor vehicles and real estate for fiscal years 2018,2019, 2021, and 2022 and 8% on real estate for 2017 & 2020.  
(B) Assumes all exemptions will remain constant.  
(C) Tax rate for CIP purposes only - Assumes annual state mandated cap increase.  
(D) Assumes statistical revaluations in FY 2020 & 2023 will be completed.



Town of Smithfield  
**Projected General Fund Revenue Requirements By Category**  
*Fiscal Years 2019-2024*

<b>Fiscal Year</b>	<b>Property Taxes</b>	<b>Licenses, Fees and Permits</b>	<b>Departmental Revenue</b>	<b>Inter-Governmental</b>	<b>Miscellaneous <sup>1</sup></b>	<b>Revenue for Capital Exp.</b>	<b>Total Revenue</b>	<b>Additional Required Potential Revenues</b>	<b>Total Required Revenues</b>
2019	\$ 60,426,935	\$ 660,000	\$ 40,000	\$ 8,400,000	\$ 3,400,000	\$ 2,600,000	\$ 75,526,935	\$ 3,000,762	\$ 78,527,697
2020	63,428,032	660,000	40,000	8,400,000	3,400,000	2,600,000	78,528,032	3,925,803	82,453,835
2021	66,549,295	660,000	40,000	8,400,000	3,400,000	2,600,000	81,649,295	3,233,668	84,882,963
2022	69,794,458	660,000	40,000	8,400,000	3,400,000	2,600,000	84,894,458	2,119,280	87,013,738
2023	73,171,102	660,000	40,000	8,400,000	3,129,830	2,600,000	88,000,932	0	88,000,932
2024	76,684,077	660,000	40,000	8,400,000	2,787,555	2,600,000	91,171,632	0	91,171,632
								<u>\$ 12,279,513</u>	

*Note: 1. Amounts consist of Interest Income, Interest on Taxes and other Miscellaneous Revenues.*



Town of Smithfield  
**Projected General Fund Operating Expenditures  
and Debt Service <sup>1</sup>**  
*Fiscal Years 2019-2024*

<b>Fiscal Year</b>	<b>Expenditures</b>	<b>Debt Service</b>	<b>Total</b>
2019	\$ 72,691,782	\$ 2,352,062	\$ 75,043,844
2020	75,599,453	2,306,704	77,906,157
2021	78,623,431	2,260,584	80,884,015
2022	81,453,875	2,213,113	83,666,988
2023	84,630,576	2,164,537	86,795,113
2024	87,508,015	2,109,840	89,617,855

*Note: 1. All future expenditures assume an approximate 4.00% increase for FY 19 thru FY 24*



## 2019-2024 CAPITAL IMPROVEMENTS PROGRAM PROJECT DETAIL

**PROJECT TITLE:** Vehicle Replacement

**PROJECT NO.** 19-PD-01

**DEPARTMENT:** Police

**PROJECT LOCATION:** 215 Pleasant View Avenue

### DESCRIPTION AND JUSTIFICATION

Replacement of 3-4 aging police vehicles per year.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	130,000	130,000	130,000	130,000	130,000	130,000	780,000
Contingency							-
Totals:	130,000	130,000	130,000	130,000	130,000	130,000	780,000

### PROPOSED METHOD OF FINANCING

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue	130,000	130,000	130,000	130,000	130,000	130,000	780,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	130,000	130,000	130,000	130,000	130,000	130,000	780,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Traffic Messaging Signs

**PROJECT NO.** 19-PD-02

**DEPARTMENT:** Police

**PROJECT LOCATION:** 215 Pleasant View Avenue

**DESCRIPTION AND JUSTIFICATION**

Purchase 2 Traffic Messaging signs

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	10,000	10,000					20,000
Contingency							-
Totals:	10,000	10,000	-	-	-	-	20,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue	10,000	10,000					20,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	10,000	-	-	-	-	20,000



**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Firearms Training Facility Construction

**PROJECT NO.** 19-PD-03

**DEPARTMENT:** Police

**PROJECT LOCATION:** Spragueville Road

**DESCRIPTION AND JUSTIFICATION**

Excavation & Construction of the Department's Firearms Training Facility

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	75,000	75,000	75,000				225,000
Equipment/Furnishings							-
Contingency							-
Totals:	75,000	75,000	75,000	-	-	-	225,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue	75,000	75,000	75,000				225,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	75,000	75,000	75,000	-	-	-	225,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Station Security Cameras

**PROJECT NO.** 19-FD-01

**DEPARTMENT:** Fire Department

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

This project places security cameras at all department fire stations. The cameras monitor activity at the front and rear of each station. A camera is placed at the main entryway of each station to identify visitors entering the building. Station 1 was completed in 2013 and has a computer server in place to receive the camera signals from the other stations via internet. Station 2 was completed in 2016 and has a monitor in the station which is also monitored at Fire Alarm Dispatch. This allocation will complete the security camera project by adding cameras to Station 3 (Log Road) and completing the monitoring station at Fire Alarm Dispatch to supervise and record all sites.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	12,000						12,000
Contingency							-
Totals:	12,000	-	-	-	-	-	12,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing	12,000						12,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	12,000	-	-	-	-	-	12,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Vehicular Radio Repeaters

**PROJECT NO.** 19-FD-02

**DEPARTMENT:** Fire Department

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

The VHF Radio System used by the fire department has some loss in radio coverage in very large commercial buildings that are made of concrete and steel. It is a problem that is difficult to overcome without some way to enhance the radio power at the site of the commercial building. The use of a vehicular repeater takes the dispatcher's message and rebroadcasts it at the site of an incident, inside of a commercial building. The firefighters in the building then talk out to the repeater and the repeater unit sends the message back to the dispatcher. The fire department is in need of one of these units for each piece of apparatus. One (1) unit costs \$4,000, completely installed. The fire department has a total of fourteen vehicles that need a vehicle repeater. The proposed project would be on a two-year schedule, seven each year, costing \$28,000 each year.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	28,000	28,000					56,000
Contingency							-
Totals:	28,000	28,000	-	-	-	-	56,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing	28,000	28,000					56,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	28,000	28,000	-	-	-	-	56,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Thermal Imaging Cameras

**PROJECT NO.** 19-FD-03

**DEPARTMENT:** Fire Department

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

This project will allow for the replacement and upgrade of the thermal imager camera on Ladder 1. The current thermal imager on the truck is over twelve years old and was passed down from the Engine Companies. It is of older technology and parts for the device are not readily available. Also, this project will place a thermal imaging camera on Engine 3 and Engine 4. Engines 3 and 4 are reserve but are put into service during multiple alarms, severe storms, and callback of personnel. Due to the fact that thermal imaging camera prices have come down significantly, the purchase of three cameras is much more cost effective now than it was in the past.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings			15,000				15,000
Contingency							-
Totals:	-	-	15,000	-	-	-	15,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing			15,000				15,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	15,000	-	-	-	15,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Administrative Vehicle Replacements

**PROJECT NO.** 19-FD-04

**DEPARTMENT:** Fire Department

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

Vehicles are used by the department's administrative staff for emergency activities as well as routine activities such as inspections, meetings, details, etc. This project will replace older vehicles as well as vehicles with high mileage. The fire department currently has three administrative vehicles that need replacement. The vehicles repair costs have increased annually and the age of the fleet is getting beyond twelve years of age. The fire department has replaced vehicles over the last four years and the replacement of these three vehicles will assure a safe and functioning fleet. In addition, the purchases have been spread out so that several vehicles will not all have to be replaced in the future during the same timeframe.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		33,000		35,000		37,000	105,000
Contingency							-
Totals:	-	33,000	-	35,000	-	37,000	105,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing		33,000		35,000		37,000	105,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	33,000	-	35,000	-	37,000	105,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Sub-Fire Station **PROJECT NO.** 19-FD-05

**DEPARTMENT:** Fire Department

**PROJECT LOCATION:** Route 116/Route 7 Vicinity

**DESCRIPTION AND JUSTIFICATION**

This project would be for the construction of a sub-fire station in the Route 116/Route 7 to better serve that area of town. Additional location the sub-fire station in this area would help to reduce response times in half to the Northern Corridor.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land	900,000						900,000
Professional Services	575,452						575,452
Construction	3,866,975						3,866,975
Equipment/Furnishings	200,000						200,000
Contingency							-
Totals:	5,542,427	-	-	-	-	-	5,542,427

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing							-
Reserve Fund -							-
General Obligation Bond	5,542,427						5,542,427
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	5,542,427	-	-	-	-	-	5,542,427

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Station Renovations and Improvements      **PROJECT NO.** 19-FD-06

**DEPARTMENT:** Fire Department

**PROJECT LOCATION:** Stations 1 - 3

**DESCRIPTION AND JUSTIFICATION**

This project would upgrade the 3 current stations to meet the current and future needs. The current facilities are inadequate and need updating. They do not meet current building code, fire code, and is not ADA compliant. They do not have female accommodations.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	510,077						510,077
Construction		3,501,714	766,592	1,270,694			5,539,000
Equipment/Furnishings		200,000	25,000	150,000			375,000
Contingency		91,455	19,291	34,925			145,671
Totals:	510,077	3,793,169	810,883	1,455,619	-	-	6,569,748

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing							-
Reserve Fund -							-
General Obligation Bond	510,077	6,059,671					6,569,748
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	510,077	6,059,671	-	-	-	-	6,569,748

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** 4x4 Dump Truck with Plow

**PROJECT NO.** 19-DPW-01

**DEPARTMENT:** Public Works

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

Purchase a new 4x4 dump truck; 19,500 GVW; diesel with plow package. The current 2005 dump truck has had extensive use over the years and had required extensive annual repairs.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	65,000	65,000		65,000		65,000	260,000
Contingency							-
Totals:	65,000	65,000	-	65,000	-	65,000	260,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	65,000	65,000		65,000		65,000	260,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	65,000	65,000	-	65,000	-	65,000	260,000



**2019-2022 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** 38,000 GVW Dump Truck with Plow

**PROJECT NO.** 19-DPW-02

**DEPARTMENT:** Public Works

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

Purchase a new 38,000 GVW six wheel dump truck with plow. DPW has 16 dump/plow trucks in this class. The average age of these trucks is 17 years old. Purchasing a single truck each year will enable steady replacement of old equipment and provide safe operating equipment during times of emergence and during normal operations.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	165,000	165,000	165,000	165,000	165,000	165,000	990,000
Contingency							-
Totals:	165,000	165,000	165,000	165,000	165,000	165,000	990,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	165,000	165,000	165,000	165,000	165,000	165,000	990,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	165,000	165,000	165,000	165,000	165,000	165,000	990,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Front End Loader

**PROJECT NO.** 19-DPW-03

**DEPARTMENT:** Public Works

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

Purchase a new front end loader with a 4-in-1 2.5 cy bucket. The DPW primary loader was purchased new in 1996 and has nearly 10,000 hours of use. The secondary loader is a 1970 CAT which would be sold through surplus sale.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		250,000					250,000
Contingency							-
Totals:	-	250,000	-	-	-	-	250,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund		250,000					250,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	250,000	-	-	-	-	250,000

## 2019-2024 CAPITAL IMPROVEMENTS PROGRAM PROJECT DETAIL

**PROJECT TITLE:** 4x4 Service Truck w/Plow

**PROJECT NO.** 19-DPW-04

**DEPARTMENT:** Public Works

**PROJECT LOCATION:** Town-Wide

### DESCRIPTION AND JUSTIFICATION

The 1998 GMC Jimmy currently driven by the Deputy Director has over 160,000 miles and requires major repairs. The new truck will be used as a foreman's truck and the current foreman's truck (2005 F-350) will be used by the Deputy Director. The Director's vehicle is in need of major body work. Replacement with another Ford Explorer would double as a vehicle for day-to-day operations and to transport personnel to training.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	57,000						57,000
Contingency							-
Totals:	57,000	-	-	-	-	-	57,000

### PROPOSED METHOD OF FINANCING

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	57,000						57,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	57,000	-	-	-	-	-	57,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Roadside Mower/Tractor

**PROJECT NO.** 19-DPW-05

**DEPARTMENT:** Public Works

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

The single roadside mower currently in use is unable to keep up with the demand during the growing season. A second machine will enable us to mow the sides of all the roads in town at least once and often twice per year, reducing the hazards caused by overgrowth in the roads

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		100,000					100,000
Contingency							-
Totals:	-	100,000	-	-	-	-	100,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund		100,000					100,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	100,000	-	-	-	-	100,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Asset Management Program

**PROJECT NO.** 19-DPW-06

**DEPARTMENT:** Public Works

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

Institute a comprehensive asset management program to manage assets which fall under the responsibility of the Public Works Department such as vehicle maintenance, building/facility maintenance, service request tracking, etc.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	20,000						20,000
Construction							-
Equipment/Furnishings	40,000						40,000
Contingency							-
Totals:	60,000	-	-	-	-	-	60,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	50,000						50,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board	10,000						10,000
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	60,000	-	-	-	-	-	60,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** New DPW Facility

**PROJECT NO.** 19-DPW-07

**DEPARTMENT:** Public Works

**PROJECT LOCATION:** 3 Spragueville Rd

**DESCRIPTION AND JUSTIFICATION**

Replace existing public works facility built in 1955 with a modern, efficient, ADA compliant building to include new offices, file storage, locker & lunch room, inside truck wash bay, truck lifts, etc. Existing facility needs a new roof, structural repairs, new concrete floors and drains along with cosmetic repairs.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services				250,000			250,000
Construction					7,500,000		7,500,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	-	250,000	7,500,000	-	7,750,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond				250,000	7,500,000		7,750,000
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	250,000	7,500,000	-	7,750,000



**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Sign Replacement

**PROJECT NO.** 19-DPW-09

**DEPARTMENT:** Public Works

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

Street signs & traffic signs have faded over the years. Traffic notification signs, such as stop signs, speed limits signs, etc. must meet certain retro-reflectivity requirements. The Federal Highway Administration requires signs to meet the Manual of Uniform Traffic Control Devices, Section 2A.08 minimum retro-reflectivity. This requires town to first catalog all signs, and determine reflectivity, then prioritize replacement. A comprehensive Asset Management Plan will greatly aid in this effort.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		10,000		10,000		10,000	30,000
Contingency							-
Totals:	-	10,000	-	10,000	-	10,000	30,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund		10,000		10,000		10,000	30,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	10,000	-	10,000	-	10,000	30,000



**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Guardrail Replacement

**PROJECT NO.** 19-DPW-10

**DEPARTMENT:** Public Works

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

There is approximately 1 mile of guardrails which need replacement through the town. These guardrails are either damaged or do not meet current safety standards.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Equipment/Furnishings							-
Contingency							-
Totals:	20,000	20,000	20,000	20,000	20,000	20,000	120,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	20,000	20,000	20,000	20,000	20,000	20,000	120,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Whipple Field Reconstruction

**PROJECT NO.** 19-PARK-01

**DEPARTMENT:** Parks & Recreation

**PROJECT LOCATION:** Whipple Field Complex

**DESCRIPTION AND JUSTIFICATION**

Improvements to Whipple Field playing surfaces and surrounding common areas.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	28,000	22,000	22,000				72,000
Equipment/Furnishings							-
Contingency							-
Totals:	28,000	22,000	22,000	-	-	-	72,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	23,000	17,000	17,000				57,000
Special Revenue	5,000	5,000	5,000				15,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	28,000	22,000	22,000	-	-	-	72,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Entrance and Parking

**PROJECT NO.** 19-PARK-02

**DEPARTMENT:** Parks & Recreation

**PROJECT LOCATION:** Whipple Field Complex

**DESCRIPTION AND JUSTIFICATION**

Parking is insufficient and not clearly defined at the Whipple Complex during game days. Visitors often have to park on the street, which obstructs through traffic. Reconfiguring the entrance and aligning it with the intersection of Whipple Road and Fenwood Avenue would improve the safety of that intersection as well as provide up to 40 additional parking spaces. Consider purchasing adjacent land to expand parking to provide an additional 30 parking spaces.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land		50,000					50,000
Professional Services	10,000						10,000
Construction		100,000					100,000
Equipment/Furnishings							-
Contingency							-
Totals:	10,000	150,000	-	-	-	-	160,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	5,000	125,000					130,000
Special Revenue	5,000	25,000					30,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	150,000	-	-	-	-	160,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Burgess Field Re-Hab **PROJECT NO.** 19-PARK-03

**DEPARTMENT:** Parks & Recreation

**PROJECT LOCATION:** Burgess Field

**DESCRIPTION AND JUSTIFICATION**

The infield base lines have become elevated over the years from adding infield mix. This has created turf lips to form around the base lines on both the outfield and infield. The entire area needs to be stripped, re-graded and reconstructed.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction		28,000					28,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	28,000	-	-	-	-	28,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund		28,000					28,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	28,000	-	-	-	-	28,000

## 2019-2024 CAPITAL IMPROVEMENTS PROGRAM PROJECT DETAIL

**PROJECT TITLE:** Deerfield Park Irrigation Replacement and Expand      **PROJECT NO.** 19-PARK-04

**DEPARTMENT:** Parks & Recreation

**PROJECT LOCATION:** Deerfield Park

### DESCRIPTION AND JUSTIFICATION

Add irrigation to the multi-use practice field by the tennis courts in order to provide a safe and playable field. This would include installing a new well. Also, existing irrigation in the park require the replacement of spray heads, valves and solenoids.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	10,000	40,000					50,000
Equipment/Furnishings							-
Contingency							-
Totals:	10,000	40,000	-	-	-	-	50,000

### PROPOSED METHOD OF FINANCING

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	10,000	30,000					40,000
Special Revenue		10,000					10,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	40,000	-	-	-	-	50,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Deerfield Park Parking Lot Expansions

**PROJECT NO.** 19-PARK-05

**DEPARTMENT:** Parks & Recreation

**PROJECT LOCATION:** Deerfield Park

**DESCRIPTION AND JUSTIFICATION**

Available parking at Deerfield Park does not meet the current needs. Vehicles are parked on sidewalks, grass/landscape areas and on the memorial grounds. Adding a parking lot on the plateau area adjacent to the wetlands restoration project will enable parking for an additional 50 or more vehicles. Adding an additional parking area opposite the Deerfield maintenance garage and expanding existing parking lot by tennis courts will add nearly another 30 parking stalls.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	10,000	10,000					20,000
Construction		150,000					150,000
Equipment/Furnishings							-
Contingency							-
Totals:	10,000	160,000	-	-	-	-	170,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	10,000	160,000					170,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	160,000	-	-	-	-	170,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** New Facility **PROJECT NO.** 19-PARK-06

**DEPARTMENT:** Parks & Recreation

**PROJECT LOCATION:** Deerfield Park

**DESCRIPTION AND JUSTIFICATION**

With the merge of Parks and Recreation, there is a need for a new facility which is independent of the Public Works facility. The new building would be located in Deerfield Park behind the Veterans and Youth Memorials in the vacant sand bank area or an alternative location. The building would include 6 garage bays and a full maintenance area.. Access to the facility would be from the existing roadway opposite the existing maintenance garage. This existing 3 bay garage could then rented to leagues for equipment storage.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	30,000						30,000
Construction		200,000					200,000
Equipment/Furnishings							-
Contingency							-
Totals:	30,000	200,000	-	-	-	-	230,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	30,000	200,000					230,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	30,000	200,000	-	-	-	-	230,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Compact Tractor/Loader

**PROJECT NO.** 19-PARK-07

**DEPARTMENT:** Parks & Recreation

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

The Parks and Recreation Department currently has 2 John Deere tractors. One of the machines is an early 1990's tractor which has been requiring frequent repairs and is not operating at full capacity. A new, machine in the next size classification would be suitable to use with heavier attachments such as aerators, backhoe, grader boxes, etc.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	35,000						35,000
Contingency							-
Totals:	35,000	-	-	-	-	-	35,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	35,000						35,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	35,000	-	-	-	-	-	35,000



**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** LED Light Conversion

**PROJECT NO.** 19-PARK-08

**DEPARTMENT:** Parks & Recreation

**PROJECT LOCATION:** Deerfield Park

**DESCRIPTION AND JUSTIFICATION**

Replace 53 light fixtures with LED retro-fit kits which will reduce electric consumption by 60% and increase the life expectancy to 5 times that of traditional lights. This project will include Deerfield Park, the Senior Center, and all roadways through the park. Installation costs expected to be recaptured through the savings in electricity costs.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	35,000						35,000
Contingency							-
Totals:	35,000	-	-	-	-	-	35,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	25,000						25,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant (National Grid)	10,000						10,000
Totals:	35,000	-	-	-	-	-	35,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Rotary Mower **PROJECT NO.** 19-PARK-09

**DEPARTMENT:** Parks & Recreation

**PROJECT LOCATION:** Town-wide

**DESCRIPTION AND JUSTIFICATION**

Purchase a rotary mower and necessary accessories to increase mowing efficiency town-wide.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	95,000						95,000
Contingency							-
Totals:	95,000	-	-	-	-	-	95,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	95,000						95,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	95,000	-	-	-	-	-	95,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Boiler Replacement

**PROJECT NO.** 19-SC-01

**DEPARTMENT:** Senior Center

**PROJECT LOCATION:** 1 William J Hawkins Jr Trail

**DESCRIPTION AND JUSTIFICATION**

A National Grid Energy Efficiency report was submitted on 12/31/2014 with details of energy saving incentives offered. This report considers the saving associated with the replacement of the current 450 MBH Brian Flexible Tube gas-fired boiler with a high efficiency condensing boiler. Energy savings result from the recovery and reuse of boiler exhaust heat that would otherwise be wasted in a non-condensing boiler.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	30,000	-					30,000
Equipment/Furnishings							-
Contingency							-
Totals:	30,000	-	-	-	-	-	30,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	30,000						30,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	30,000	-	-	-	-	-	30,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Roof and Building Repairs

**PROJECT NO.** 19-SC-02

**DEPARTMENT:** Senior Center

**PROJECT LOCATION:** 1 William J Hawkins Jr Trail

**DESCRIPTION AND JUSTIFICATION**

The original building is now over 20 years old. The roof and fascia boards are in need of replacing. Insulation is also needed throughout the building, which could prevent sprinkler heads from bursting in extreme weather.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction		60,000					60,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	60,000	-	-	-	-	60,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund		60,000					60,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	60,000	-	-	-	-	60,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Senior Van Purchase

**PROJECT NO.** 19-SC-03

**DEPARTMENT:** Senior Center

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

The current Senior Van was purchased in March 2012 and currently has over 75,000 Miles. As a replacement we are requesting to purchase a 29 passenger bus which will allow the center to expand its program opportunities. The additional opportunities will help to increase trips revenues offsetting some of the replacement cost. The 2006 van with over 98,000 miles will be sold as surplus with the 2012 van being used as the center's backup vehicle. The \$84,000 will be spread out over a 3 year period for the new 29-passenger vehicle which would be handled as a lease/purchase.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	28,000	28,000	28,000				84,000
Contingency							-
Totals:	28,000	28,000	28,000	-	-	-	84,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	28,000	28,000	28,000				84,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	28,000	28,000	68,910	-	-	-	84,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** TOTAL SCHOOL DEPARTMENT REQUEST      **PROJECT NO.** 19-SCH-SUM

**DEPARTMENT:** SCHOOL DEPARTMENT

**PROJECT LOCATION:** Town-Wide

**DESCRIPTION AND JUSTIFICATION**

This page represents a synopsis of the School Department Capital Improvement Program requests from project numbers 19-SCH-01 thru 19-SCH-07. It represents the requests submitted by the School Administration and the School Committee.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Site Improvements	3,734,217	15,482,520	2,193,480	2,075,500	577,400	-	24,063,117
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-
Construction	160,000	493,000	8,409,500	160,000	200,000	-	9,422,500
Equipment/Furnishings	4,705,100	12,285,750	3,520,230	882,500	-	-	21,393,580
Contingency	-	-	-	-	-	-	-
Totals:	8,599,317	28,261,270	14,123,210	3,118,000	777,400	-	54,879,197

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	1,149,097	2,300,450	2,296,310	1,191,500	25,000	-	6,962,357
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	7,450,220	25,960,820	11,826,900	1,926,500	752,400	-	47,916,840
RI Infrastructure Bank	-	-	-	-	-	-	-
Water Supply Board	-	-	-	-	-	-	-
Sewer Authority	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-
State Grant	-	-	-	-	-	-	-
Totals:	8,599,317	28,261,270	14,123,210	3,118,000	777,400	-	54,879,197

## 2019-2024 CAPITAL IMPROVEMENTS PROGRAM PROJECT DETAIL

**PROJECT TITLE:** Administration Building  
Renovations, Improvements and Repairs

**PROJECT NO.** 19-SCH-01

**DEPARTMENT:** SCHOOL DEPARTMENT

**PROJECT LOCATION:** School Administration Building  
49 Farnum Pike & Town Wide

### DESCRIPTION AND JUSTIFICATION

This page represents proposed capital improvements to the School Administration Building.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Site Improvements	100,000	-	275,000	-	-	-	375,000
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Equipment/Furnishings	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Totals:	100,000	-	275,000	-	-	-	375,000

### PROPOSED METHOD OF FINANCING

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	100,000	-	35,000	-	-	-	135,000
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	-	-	240,000	-	-	-	240,000
RI Infrastructure Bank	-	-	-	-	-	-	-
Water Supply Board	-	-	-	-	-	-	-
Sewer Authority	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-
State Grant	-	-	-	-	-	-	-
Totals:	100,000	-	275,000	-	-	-	375,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Smithfield High School  
Renovations, Improvements and Repairs

**PROJECT NO.** 19-SCH-02

**DEPARTMENT:** SCHOOL DEPARTMENT

**PROJECT LOCATION:** Smithfield High School  
90 Pleasant View Avenue

**DESCRIPTION AND JUSTIFICATION**

This page represents proposed capital improvements to the School Administration Building.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Site Improvements	1,642,004	9,403,400	201,700	1,102,000	-	-	12,349,104
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-
Construction	-	-	2,991,000	-	200,000	-	3,191,000
Equipment/Furnishings	40,750	7,511,400	752,880	515,500	-	-	8,820,530
Contingency	-	-	-	-	-	-	-
Totals:	1,682,754	16,914,800	3,945,580	1,617,500	200,000	-	24,360,634

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	283,534	882,800	365,980	277,000	-	-	1,809,314
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	1,399,220	16,032,000	3,579,600	1,340,500	200,000	-	22,551,320
RI Infrastructure Bank	-	-	-	-	-	-	-
Water Supply Board	-	-	-	-	-	-	-
Sewer Authority	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-
State Grant	-	-	-	-	-	-	-
Totals:	1,682,754	16,914,800	3,945,580	1,617,500	200,000	-	24,360,634



**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Gallagher Middle School  
Renovations, Improvements and Repairs

**PROJECT NO.** 19-SCH-03

**DEPARTMENT:** SCHOOL DEPARTMENT

**PROJECT LOCATION:** Gallagher Middle School  
10 Indian Run Trail

**DESCRIPTION AND JUSTIFICATION**

This page represents proposed capital improvements to the School Administration Building.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Site Improvements	553,069	1,500,900	541,300	322,500	552,400	-	3,470,169
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-
Construction	-	-	638,500	130,000	-	-	768,500
Equipment/Furnishings	32,600	4,060,100	310,000	259,000	-	-	4,661,700
Contingency	-	-	-	-	-	-	-
Totals:	585,669	5,561,000	1,489,800	711,500	552,400	-	8,900,369

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	120,669	126,400	530,200	401,500	-	-	1,178,769
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	465,000	5,434,600	959,600	310,000	552,400	-	7,721,600
RI Infrastructure Bank	-	-	-	-	-	-	-
Water Supply Board	-	-	-	-	-	-	-
Sewer Authority	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-
State Grant	-	-	-	-	-	-	-
Totals:	585,669	5,561,000	1,489,800	711,500	552,400	-	8,900,369

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Raymond C. LaPerche Elementary School Renovations, Improvements and Repairs      **PROJECT NO.** 19-SCH-04

**DEPARTMENT:** SCHOOL DEPARTMENT

**PROJECT LOCATION:** Raymond C. LaPerche Elementary School  
11 Limerock Road

**DESCRIPTION AND JUSTIFICATION**

This page represents proposed capital improvements to the School Administration Building.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Site Improvements	539,550	335,900	139,500	137,000	-	-	1,151,950
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-
Construction	-	-	1,010,000	-	-	-	1,010,000
Equipment/Furnishings	1,618,000	326,250	1,863,250	-	-	-	3,807,500
Contingency	-	-	-	-	-	-	-
Totals:	2,157,550	662,150	3,012,750	137,000	-	-	5,969,450

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	175,550	374,750	275,750	137,000	-	-	963,050
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	1,982,000	287,400	2,737,000	-	-	-	5,006,400
RI Infrastructure Bank	-	-	-	-	-	-	-
Water Supply Board	-	-	-	-	-	-	-
Sewer Authority	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-
State Grant	-	-	-	-	-	-	-
Totals:	2,157,550	662,150	3,012,750	137,000	-	-	5,969,450

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Anna M. McCabe Elementary School  
Renovations, Improvements and Repairs

**PROJECT NO.** 19-SCH-05

**DEPARTMENT:** SCHOOL DEPARTMENT

**PROJECT LOCATION:** Anna M. McCabe Elementary School  
100 Pleasant View Avenue

**DESCRIPTION AND JUSTIFICATION**

This page represents proposed capital improvements to the School Administration Building.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Site Improvements	304,005	2,940,280	357,480	170,900			3,772,665
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-
Construction	-	-	850,000	-			850,000
Equipment/Furnishings	3,000	-	49,000	95,000			147,000
Contingency	-	-	-	-	-	-	-
Totals:	307,005	2,940,280	1,256,480	265,900	-	-	4,769,665

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	155,005	325,000	307,880	79,500	-	-	867,385
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	152,000	2,615,280	948,600	186,400	-	-	3,902,280
RI Infrastructure Bank	-	-	-	-	-	-	-
Water Supply Board	-	-	-	-	-	-	-
Sewer Authority	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-
State Grant	-	-	-	-	-	-	-
Totals:	307,005	2,940,280	1,256,480	265,900	-	-	4,769,665

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Old County Road Elementary School  
Renovations, Improvements and Repairs

**PROJECT NO.** 19-SCH-06

**DEPARTMENT:** SCHOOL DEPARTMENT

**PROJECT LOCATION:** Old County Road Elementary School  
200 Old County Road

**DESCRIPTION AND JUSTIFICATION**

This page represents proposed capital improvements to the School Administration Building.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Site Improvements	342,017	798,800	396,500	214,000	25,000	-	1,776,317
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-
Construction	-	228,000	1,440,000	-	-	-	1,668,000
Equipment/Furnishings	1,727,750	131,000	393,600	-	-	-	2,252,350
Contingency	-	-	-	-	-	-	-
Totals:	2,069,767	1,157,800	2,230,100	214,000	25,000	-	5,696,667

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	185,767	299,500	364,000	214,000	25,000	-	1,088,267
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	1,884,000	858,300	1,866,100	-	-	-	4,608,400
RI Infrastructure Bank	-	-	-	-	-	-	-
Water Supply Board	-	-	-	-	-	-	-
Sewer Authority	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-
State Grant	-	-	-	-	-	-	-
Totals:	2,069,767	1,157,800	2,230,100	214,000	25,000	-	5,696,667

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** William Winsor Elementary School Renovations, Improvements and Repairs      **PROJECT NO.** 19-SCH-07

**DEPARTMENT:** SCHOOL DEPARTMENT

**PROJECT LOCATION:** William Winsor Elementary School  
562 Putnam Pike

**DESCRIPTION AND JUSTIFICATION**

This page represents proposed capital improvements to the School Administration Building.

\*\* The CIP Review Committee is including these amounts at the request of the School Department, but it is our understanding that that this facility would be closed based on the Elementary Reconfiguration Plan.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Site Improvements	253,572	503,240	282,000	129,100	-	-	1,167,912
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-
Construction	160,000	265,000	1,480,000	30,000	-	-	1,935,000
Equipment/Furnishings	1,283,000	257,000	151,500	13,000	-	-	1,704,500
Contingency	-	-	-	-	-	-	-
Totals:	1,696,572	1,025,240	1,913,500	172,100	-	-	4,807,412

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	128,572	292,000	417,500	82,500	-	-	920,572
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	1,568,000	733,240	1,496,000	89,600	-	-	3,886,840
RI Infrastructure Bank	-	-	-	-	-	-	-
Water Supply Board	-	-	-	-	-	-	-
Sewer Authority	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-
State Grant	-	-	-	-	-	-	-
Totals:	1,696,572	1,025,240	1,913,500	172,100	-	-	4,807,412

## 2019-2024 CAPITAL IMPROVEMENTS PROGRAM PROJECT DETAIL

**PROJECT TITLE:** New East Smithfield Public Library **PROJECT NO.** 19-ESPL-01

**DEPARTMENT:** East Smithfield Public Library

**PROJECT LOCATION:** 50 Esmond Street, Smithfield, R.I. 02917

### DESCRIPTION AND JUSTIFICATION

The East Smithfield Public Library currently occupies an old elementary school (Dorothy T.P. Dame School). This building was built in 1912 and is one of the oldest buildings in Smithfield. To say the least, the cost to maintain and operate this building as a public library is a yearly challenge. The Town of Smithfield's most recent Community Plan "asserts that a facilities study is needed to determine space needs at the East Smithfield Public Library, located in an old school that is in constant need of preventive maintenance."

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	20,000						20,000
Construction				6,900,000			6,900,000
Equipment/Furnishings				2,000,000			2,000,000
Contingency				1,000,000			1,000,000
Totals:	20,000	-	-	9,900,000	-	-	9,920,000

### PROPOSED METHOD OF FINANCING

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	20,000						20,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond				9,900,000			9,900,000
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	20,000	-	-	9,900,000	-	-	9,920,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** New Roof **PROJECT NO.** 19-ESPL-02

**DEPARTMENT:** East Smithfield Public Library

**PROJECT LOCATION:** 50 Esmond Street, Smithfield, R.I. 02917

**DESCRIPTION AND JUSTIFICATION**

The East Smithfield Public Library currently occupies an old elementary school (Dorothy T.P. Dame School). This building was built in 1912 and is one of the oldest buildings in Smithfield. To say the least, the cost to maintain and operate this building as a public library is a yearly challenge. The Town of Smithfield's most recent Community Plan "asserts that a facilities study is needed to determine space needs at the East Smithfield Public Library, located in an old school that is in constant need of preventive maintenance."

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	71,429						71,429
Equipment/Furnishings							-
Contingency							-
Totals:	71,429	-	-	-	-	-	71,429

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	71,429						71,429
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	71,429	-	-	-	-	-	71,429

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** LED Lighting Upgrade **PROJECT NO.** 19-ESPL-03

**DEPARTMENT:** East Smithfield Public Library

**PROJECT LOCATION:** 50 Esmond Street, Smithfield, Rhode Island

**DESCRIPTION AND JUSTIFICATION**

The East Smithfield Public Library currently occupies an old elementary school (Dorothy T.P. Dame School). This building was built in 1912 and is one of the oldest buildings in Smithfield. To say the least, the cost to maintain and operate this building as a public library is a yearly challenge. The Town of Smithfield's most recent Community Plan "asserts that a facilities study is needed to determine space needs at the East Smithfield Public Library, located in an old school that is in constant need of preventive maintenance."

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	31,079						31,079
Equipment/Furnishings							-
Contingency							-
Totals:	31,079	-	-	-	-	-	31,079

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	31,079						31,079
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	31,079	-	-	-	-	-	31,079



**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE**                      Greenville Public Library Expansion                      **PROJECT NO.**                      19-GPL-01

**DEPARTMENT:**                      Greenville Public Library

**PROJECT LOCATION:**              573 Putnam Pike, Greenville, RI 02828

**DESCRIPTION AND JUSTIFICATION**

This project would add 21,405 square ft., and a renovation to the current facility. This will address the needs of much needed space for the Children's room, and space for meeting rooms for tutors, community organizations, and expanded library programs. This project has been developed by a professional library consultant and approved by the state department of library services. This project would be the phase 2 of a two phase project. It will meet the town's needs for at least twenty years.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land				175,000			175,000
Professional Services				696,466			696,466
Construction				7,398,375			7,398,375
Equipment/Furnishings				899,850			899,850
Contingency				543,780			543,780
Totals:	-	-	-	9,713,471	-	-	9,713,471

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond				9,713,471			9,713,471
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	9,713,471	-	-	9,713,471

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Land Purchase **PROJECT NO.** 19-TA-01

**DEPARTMENT:** Town Administration

**PROJECT LOCATION:** TBD

**DESCRIPTION AND JUSTIFICATION**

Future site(s) for Municipal and Recreational facilities, including but not limited to public safety.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land	2,500,000						2,500,000
Professional Services							-
Construction							-
Equipment/Furnishings							-
Contingency							-
Totals:	2,500,000	-	-	-	-	-	2,500,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond	2,500,000						2,500,000
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	2,500,000	-	-	-	-	-	2,500,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Technology Upgrades

**PROJECT NO.** 19-TA-02

**DEPARTMENT:** Town Administration

**PROJECT LOCATION:** Town-wide

**DESCRIPTION AND JUSTIFICATION**

Upgrades to meet new standards and scheduled replacement of old equipment.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	25,000	25,000	25,000				75,000
Construction							-
Equipment/Furnishings	40,000	30,000	40,000				110,000
Contingency							-
Totals:	65,000	55,000	65,000	-	-	-	185,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	65,000	55,000	65,000				185,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	65,000	55,000	65,000	-	-	-	185,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** GIS Mapping **PROJECT NO.** 19-TA-03

**DEPARTMENT:** Town Administration

**PROJECT LOCATION:** Town-wide

**DESCRIPTION AND JUSTIFICATION**

GIS is a continuing project which is utilized by all departments. Map and layer updating, creation of new layers, and flyovers every three years for oblique imagery are necessary to maintain the current and improved information. Project includes updating technology for various departments to access these maps and utilize available tools. This would be handled by utilizing tablets in the field, as well as GPS systems to upgrade the various layers. The GIS Committee has met and agreed to continue the outsourcing and updating of our maps as we do not have the infrastructure or the expertise to produce a quality GIS system.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	20,000		20,000				40,000
Construction							-
Equipment/Furnishings							-
Contingency							-
Totals:	20,000	-	20,000	-	-	-	40,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	20,000		20,000				40,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	20,000	-	20,000	-	-	-	40,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Town Hall Renovations

**PROJECT NO.** 19-TH-01

**DEPARTMENT:** Town Hall

**PROJECT LOCATION:** Town Hall

**DESCRIPTION AND JUSTIFICATION**

Renovations to the Town Hall to increase the integrity, safety, and the overall viability of the building.  
(painting, masonry, storage shed and other major capital repairs)

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	30,000	30,000	20,000				80,000
Equipment/Furnishings							-
Contingency							-
Totals:	30,000	30,000	20,000	-	-	-	80,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	30,000	30,000	20,000				80,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	30,000	30,000	20,000	-	-	-	80,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Vehicle Replacement

**PROJECT NO.** 19-TH-02

**DEPARTMENT:** Town Hall

**PROJECT LOCATION:** Town Hall

**DESCRIPTION AND JUSTIFICATION**

Periodic replacement of old vehicles used for town business.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	30,000	30,000					60,000
Contingency							-
Totals:	30,000	30,000	-	-	-	-	60,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	30,000	30,000					60,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	30,000	30,000	-	-	-	-	60,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Handicap Accessibility Ramp

**PROJECT NO.** 19-TH-03

**DEPARTMENT:** Town Hall

**PROJECT LOCATION:** Town Hall

**DESCRIPTION AND JUSTIFICATION**

Reconstruct the handicap ramp to meet standards and existing deteriorating conditions.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	15,000						15,000
Construction	125,000						125,000
Equipment/Furnishings							-
Contingency							-
Totals:	140,000	-	-	-	-	-	140,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	140,000						140,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	140,000	-	-	-	-	-	140,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** New and Rehab Parking Area

**PROJECT NO.** 19-TH-4

**DEPARTMENT:** Town Hall

**PROJECT LOCATION:** Town Hall

**DESCRIPTION AND JUSTIFICATION**

Rehabilitation of circular driveway and parking area in the rear of the building. Design and develop a new parking area on previously purchased land adjacent to the Town Hall property.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	15,000						15,000
Construction	140,000						140,000
Equipment/Furnishings							-
Contingency							-
Totals:	155,000	-	-	-	-	-	155,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	155,000						155,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	155,000	-	-	-	-	-	155,000



**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Town Hall Scanner/Copier/Printer

**PROJECT NO.** 19-TH-05

**DEPARTMENT:** Town Hall

**PROJECT LOCATION:** Town Hall

**DESCRIPTION AND JUSTIFICATION**

Purchase of a large format scanner/copier/printer. Unit will allow scanning large bulk plans to initiate Town Hall lower level archive effort to reduce cabinet space consumption. This project is budgeted for the purchase of the equipment, computer and ancillary electronic devices required to fulfill the function. \$20,000 was funded in Fiscal Year 2015.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	20,000						20,000
Contingency							-
Totals:	20,000	-	-	-	-	-	20,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	20,000						20,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	20,000	-	-	-	-	-	20,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** HVAC **PROJECT NO.** 19-TH-06

**DEPARTMENT:** Town Hall

**PROJECT LOCATION:** Town Hall

**DESCRIPTION AND JUSTIFICATION**

Replacement of old, non-efficient existing HVAC units that have required extensive maintenance and repairs. Parts can not be secured for some of the units.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		140,000	40,000	40,000			220,000
Contingency							-
Totals:	-	140,000	40,000	40,000	-	-	220,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund		140,000	40,000	40,000			220,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	140,000	40,000	40,000	-	-	220,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Esmond Mill Drive Bridge Replacement **PROJECT NO.** 19-ENG-01

**DEPARTMENT:** Engineering

**PROJECT LOCATION:** Esmond Mill Drive at Woonasquatucket River

**DESCRIPTION AND JUSTIFICATION**

Replace poor condition, functionally obsolete bridge. Bridge has been weight restricted by RIDOT, identified as having exposed rebar, significant spalling, substandard guardrail systems and is showing visible signs of significant wear and eminent failure. Bridge system is critical to access to the Town's wastewater treatment facility and Benny's Warehouse Mill. Temporary access will be needed from Maple Street during demolition and construction. Construction should take a full year to complete. Effort will require design, permitting and contracting to complete.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land	50,000						50,000
Professional Services	25,000	50,000					75,000
Construction			700,000	750,000	750,000		2,200,000
Equipment/Furnishings					25,000		25,000
Contingency							-
Totals:	75,000	50,000	700,000	750,000	775,000	-	2,350,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	75,000	50,000	350,000	350,000			825,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank			350,000	400,000	775,000		1,525,000
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	75,000	50,000	700,000	750,000	775,000	-	2,350,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Thurber Blvd Sidewalk Project

**PROJECT NO.** 19-ENG-02

**DEPARTMENT:** Engineering

**PROJECT LOCATION:** Thurber Boulevard

**DESCRIPTION AND JUSTIFICATION**

Plan design and construction of approximately 3,000 LF of 4-ft. wide sidewalks to improve pedestrian safety and mobility. Project has been included in the Statewide Planning Division Transportation Improvement Project submission in 2016 and 2017.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services		45,000					45,000
Construction				525,000			525,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	45,000	-	525,000	-	-	570,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund		45,000		55,000			100,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant				470,000			470,000
Totals:	-	45,000	-	525,000	-	-	570,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** RIPDES StormWater Program **PROJECT NO.** 19-ENG-03

**DEPARTMENT:** Engineering

**PROJECT LOCATION:** Town-Wide Storm Water Systems

**DESCRIPTION AND JUSTIFICATION**

Program is a lifelong, continued program aimed at reducing pollution to contributing watershed associated with stormwater. Program identifies stormwater pollution areas and associated impacts, assesses priority threats to water quality impairments and prioritized abatement efforts to reduce pollution impact. Program involves cleaning of existing storm water facilities, CCTV of undesignated stormwater areas of unknown origins, retrofits to existing facilities to improve water quality, provides for public education on stormwater impacts and ensures RIDEM regulatory compliance for RIPDES Permit. Previously and currently funded under CIP Legislative. \*This program should be identified as an operating expense, given that it will not ever be removed from the community's obligation to provide services for.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	35,000	35,000	40,000	40,000	40,000	40,000	230,000
Construction							-
Equipment/Furnishings							-
Contingency							-
Totals:	35,000	35,000	40,000	40,000	40,000	40,000	230,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	35,000	35,000	40,000	40,000	40,000	40,000	230,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	35,000	35,000	40,000	40,000	40,000	40,000	230,000

## 2019-2024 CAPITAL IMPROVEMENTS PROGRAM PROJECT DETAIL

**PROJECT TITLE:** Indian Run Sidewalk Project **PROJECT NO.** 19-ENG-04

**DEPARTMENT:** Engineering

**PROJECT LOCATION:** Indian Run Trail, Wampum Trail and Black Hawk Trail

### DESCRIPTION AND JUSTIFICATION

Project involves installation of ADA compliant pedestrian sidewalks on Indian Run Trail, Wampum Trail and Black Hawk Trail to connect Pleasant View Avenue to Deerfield Park. Project involve approximately 3,000 LF of 4-ft. wide concrete sidewalks. Project will dovetail into the Safe Route To Schools Program whereby RIDOT is funding infrastructure & safety improvements around the High School, McCabe School and Gallagher School.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land		60,000					60,000
Professional Services	40,000						40,000
Construction				250,000	250,000		500,000
Equipment/Furnishings							-
Contingency							-
Totals:	40,000	60,000	-	250,000	250,000	-	600,000

### PROPOSED METHOD OF FINANCING

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	40,000	60,000		250,000	250,000		600,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	40,000	60,000	-	250,000	250,000	-	600,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Whitman-Fenwood Sidewalk Improvements **PROJECT NO.** 19-ENG-05

**DEPARTMENT:** Engineering

**PROJECT LOCATION:** Whitman Street & Fenwood Avenue

**DESCRIPTION AND JUSTIFICATION**

Project entails the design and installation of new sidewalks to replace sidewalks on Whitman Street and a small portion of Lincoln Street. Project also includes installation of new sidewalks along Fenwood Avenue with the overall goal of connecting Esmond Street to Whipple Field. Project includes the installation of approximately 4,500 LF of 4-ft. wide concrete sidewalks. Project has been included on Statewide Planning Transportation Improvements Program submission in 2016 and 2017.

\* This project is contingent on State funding for the project

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services		25,000	50,000	200,000			275,000
Construction					150,000	500,000	650,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	25,000	50,000	200,000	150,000	500,000	925,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund		25,000	50,000	200,000			275,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant					150,000	500,000	650,000
Totals:	-	25,000	50,000	200,000	150,000	500,000	925,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Capron Road Sidewalk Project

**PROJECT NO.** 19-ENG-06

**DEPARTMENT:** Engineering

**PROJECT LOCATION:** Capron & Stillwater Road

**DESCRIPTION AND JUSTIFICATION**

Plan design and construction of approximately 1,200 LF of 4-ft. wide sidewalks to improve pedestrian safety and mobility. Will further complement the replacement of the Capron Road bridge being replaced by RIDOT in 2017. Project will provide safe pedestrian mobility from Smithfield Scenic Walking Trail to the Smith Appleby House.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services			10,000				10,000
Construction				75,000	50,000		125,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	10,000	75,000	50,000	-	135,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund			10,000	75,000	50,000		135,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	10,000	75,000	50,000	-	135,000



**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Julien Street Culvert Replacement

**PROJECT NO.** 19-ENG-07

**DEPARTMENT:** Engineering

**PROJECT LOCATION:** #4 Julien Street

**DESCRIPTION AND JUSTIFICATION**

Upgrade existing culvert with larger culvert to accommodate large storm volumes that have caused backups in the past. Study of the existing culvert, the hydrology of the area will be needed and then upgrades can be planned once studies are complete.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction				25,000	150,000	100,000	275,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	-	25,000	150,000	100,000	275,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund				25,000	150,000	100,000	275,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	25,000	150,000	100,000	275,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Tarkiln Road Culvert Replacement

**PROJECT NO.** 19-ENG-08

**DEPARTMENT:** Engineering

**PROJECT LOCATION:** Tarkiln Road at Nine Foot Brook

**DESCRIPTION AND JUSTIFICATION**

Replace an existing failed stone box culvert and auxiliary pipe culvert with a single functioning box culvert. Project will include supplemental guardrail system and proper signage under equipment & furnishings.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	10,000						10,000
Construction		45,000					45,000
Equipment/Furnishings			15,000				15,000
Contingency							-
Totals:	10,000	45,000	15,000	-	-	-	70,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund	10,000	45,000	15,000				70,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	45,000	15,000	-	-	-	70,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Cross Street Improvements Project **PROJECT NO.** 19-ENG-09

**DEPARTMENT:** Engineering

**PROJECT LOCATION:** Cross Street, between Whipple Ave & Stillwater Road

**DESCRIPTION AND JUSTIFICATION**

Plan, design, permit, fund and construction of approximately 1,500 LF of new roadway on Cross Street from Whipple Ave to approximately #55 Stillwater Road. Project will entail survey of existing right-of-way, dedication of temporary easements, permanent easements, land acquisition (where needed), widening, retaining walls, curbing, sidewalks and improved vehicular travel ways. Project will support the newly placed Stillwater Road Pedestrian Bridge connectivity with Georgiaville Pond Beach to Whipple Field. Project is also supplemented by the proposed Stillwater Road sidewalk project with limits from Homestead Ave to River Road. Project has been included on the Statewide Planning Transportation Improvements Program for the last two submissions and requests priority in year 2025 for construction.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land			150,000				150,000
Professional Services		25,000		75,000			100,000
Construction						200,000	200,000
Equipment/Furnishings							-
Contingency				10,000			10,000
Totals:	-	25,000	150,000	85,000	-	200,000	460,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund		25,000	150,000	85,000		200,000	460,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	25,000	150,000	85,000	-	200,000	460,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Stillwater Road Sidewalk Project **PROJECT NO.** 19-ENG-10

**DEPARTMENT:** Engineering

**PROJECT LOCATION:** Stillwater Road from Homestead Ave to River Road

**DESCRIPTION AND JUSTIFICATION**

Plan, design, permit, fund and construction of approximately 900 LF of new curbing and sidewalks on Stillwater Road from Homestead Ave to River Road. Project will entail survey of existing right-of-way, dedication of temporary easements, permanent easements (where needed), retaining walls (where needed), granite curbing, poured in place concrete sidewalks on the north shoulder of the road and improved vehicular travel ways through reclamation and repaving. Project will support the newly placed Stillwater Road Pedestrian Bridge connectivity with Georgiaville Pond Beach to Whipple Field. Project is also supplemented by the proposed Cross Street widening project with limits from Whipple Ave to #55 Stillwater Road. Project has been included on the Statewide Planning Transportation Improvements Program for the last two submissions and requests priority in year 2023 for construction.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land			25,000				25,000
Professional Services		25,000					25,000
Construction				110,000			110,000
Equipment/Furnishings							-
Contingency				20,000			20,000
Totals:	-	25,000	25,000	130,000	-	-	180,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund		25,000	25,000	56,000			106,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant				74,000			74,000
Totals:	-	25,000	25,000	130,000	-	-	180,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** New Ice Resurfacing Machine (Zamboni Electric 552)    **PROJECT NO.** 19-ICE-01

**DEPARTMENT:** Ice Rink

**PROJECT LOCATION:** 109 Pleasant View Avenue

**DESCRIPTION AND JUSTIFICATION**

Replacement of existing ice resurfacing machine which will be ten years old at the time of replacement, this proposed purchase will include the trade-in of the existing Zamboni Electric 552 which will reduce the total cost.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings			150,000				150,000
Contingency							-
Totals:	-	-	150,000	-	-	-	150,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund - ICE RINK			150,000				150,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	150,000	-	-	-	150,000

## 2019-2024 CAPITAL IMPROVEMENTS PROGRAM PROJECT DETAIL

**PROJECT TITLE:** New Desiccant Dehumidification System                      **PROJECT NO.** 19-ICE-02  
  
**DEPARTMENT:** Ice Rink  
  
**PROJECT LOCATION:** 109 Pleasant View Avenue

### DESCRIPTION AND JUSTIFICATION

Installation of a new desiccant dehumidification system throughout the ice rink facility to eliminate the humidity issues that are created in the warmer months of the year.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction		100,000					100,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	100,000	-	-	-	-	100,000

### PROPOSED METHOD OF FINANCING

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund - ICE RINK		100,000					100,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	100,000	-	-	-	-	100,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** New Ice Resurfacer Garage

**PROJECT NO.** 19-ICE-03

**DEPARTMENT:** Ice Rink

**PROJECT LOCATION:** 109 Pleasant View Avenue

**DESCRIPTION AND JUSTIFICATION**

New construction of an Ice Resurfacer Garage will provide more workable storage for the Ice Rink, straight access for the Zamboni to the Ice Playing Surface, and provide an air lock to assist with limiting the effects of humidity in the Ice Rink during the Spring and Summer months.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction			250,000				250,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	250,000	-	-	-	250,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund - ICE RINK			250,000				250,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	250,000	-	-	-	250,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Ice Rink Parking Lot Replacement

**PROJECT NO.** 19-ICE-04

**DEPARTMENT:** Ice Rink

**PROJECT LOCATION:** 109 Pleasant View Avenue

**DESCRIPTION AND JUSTIFICATION**

Total replacement of existing parking lot.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction				450,000			450,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	-	450,000	-	-	450,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund - ICE RINK				450,000			450,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	450,000	-	-	450,000



## 2019-2024 CAPITAL IMPROVEMENTS PROGRAM PROJECT DETAIL

**PROJECT TITLE:** New Ice Rink Locker Room

**PROJECT NO.** 19-ICE-05

**DEPARTMENT:** Ice Rink

**PROJECT LOCATION:** 109 Pleasant View Avenue

### DESCRIPTION AND JUSTIFICATION

New construction of one new locker room for use by the general public, local youth hockey programs, local boys and girls high school hockey programs, and collegiate hockey programs.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction					500,000		500,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	-	-	500,000	-	500,000

### PROPOSED METHOD OF FINANCING

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund - ICE RINK					500,000		500,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	-	500,000	-	500,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** New Ice Rink Lobby and Conference Room                      **PROJECT NO.** 19-ICE-06

**DEPARTMENT:** Ice Rink

**PROJECT LOCATION:** 109 Pleasant View Avenue

**DESCRIPTION AND JUSTIFICATION**

New construction of a lobby and conference room area on the front of the Ice Rink.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction						500,000	500,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	-	-	-	500,000	500,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund - ICE RINK						500,000	500,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	-	-	500,000	500,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Latham Farm Pump Station Generator **PROJECT NO.** 19-SEW-01

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Latham Farm Road (next to House #50)

**DESCRIPTION AND JUSTIFICATION**

Design and install a backup power supply generator at pump station and enclose area with perimeter security fence.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	11,000						11,000
Construction							-
Equipment/Furnishings		85,000					85,000
Contingency							-
Totals:	11,000	85,000	-	-	-	-	96,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	11,000	85,000					96,000
Impact Fees							-
State Grant							-
Totals:	11,000	85,000	-	-	-	-	96,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** WWTF Primary Tank Cover **PROJECT NO.** 19-SEW-02

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Waste Water Treatment Facility  
20 Esmond Mill Drive

**DESCRIPTION AND JUSTIFICATION**

Project includes covering the alternate Primary Treatment Process so the two Primary Treatment Trains can alternate use and increase longevity of the equipment contained within each tank. Project also includes covering alternate sludge storage tank.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	40,000						40,000
Construction		250,000					250,000
Equipment/Furnishings							-
Contingency							-
Totals:	40,000	250,000	-	-	-	-	290,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank		250,000					250,000
Water Supply Board							-
Sewer Authority	40,000						40,000
Impact Fees							-
State Grant							-
Totals:	40,000	250,000	-	-	-	-	290,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** SSES Program **PROJECT NO.** 19-SEW-03

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Town-Wide Sewer System

**DESCRIPTION AND JUSTIFICATION**

The SSES (Sanitary Sewer Evaluation Study) program is an ongoing lifelong program aimed at identifying, removing and reducing extraneous sources of otherwise clean water from entering the sewer system. The program's main goal is aimed at increasing system capacity, preserving WWTF & Pump Station capacities, reducing treatment costs and preserving the collection system to ensure long term use with minimal, reduced occurrences of overflows or bypass discharges. Program involves the use of existing flow monitoring data to prioritize sub-sewer areas for Close-Circuit TV exploration, identification of pipeline deficiencies, resolution of connection deficiencies, repair projects for mainline system deficiencies and educating the system users. Overall program is aimed at preservation of existing system capacity to ensure major capital upgrades are only executed when absolutely warranted.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Construction	250,000	250,000	250,000	250,000	250,000	200,000	1,450,000
Equipment/Furnishings							-
Contingency							-
Totals:	290,000	290,000	290,000	290,000	290,000	240,000	1,690,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	290,000	290,000	290,000	290,000	290,000	240,000	1,690,000
Impact Fees							-
State Grant							-
Totals:	290,000	290,000	290,000	290,000	290,000	240,000	1,690,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Emergency Exit Lighting

**PROJECT NO.** 19-SEW-04

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Waste Water Treatment Facility  
20 Esmond Mill Drive

**DESCRIPTION AND JUSTIFICATION**

Installation of emergency exit lighting at all entrances and exits of all buildings on the WWTF property

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	30,000						30,000
Contingency							-
Totals:	30,000	-	-	-	-	-	30,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	30,000						30,000
Impact Fees							-
State Grant							-
Totals:	30,000	-	-	-	-	-	30,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** WWTf HVAC **PROJECT NO.** 19-SEW-05

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Waste Water Treatment Facility  
20 Esmond Mill Drive

**DESCRIPTION AND JUSTIFICATION**

Install new Heating and ventilation systems in the Primary Effluent Building, Activated Sludge Building and Disc Filter Building.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	15,000	15,000	15,000				45,000
Contingency							-
Totals:	15,000	15,000	15,000	-	-	-	45,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	15,000	15,000	15,000				45,000
Impact Fees							-
State Grant							-
Totals:	15,000	15,000	15,000	-	-	-	45,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Primary Effluent Tank Cross Collectors **PROJECT NO.** 19-SEW-06

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Waste Water Treatment Facility  
20 Esmond Mill Drive

**DESCRIPTION AND JUSTIFICATION**

Replace the Primary Treatment Tank cross collector drive units and the cross collectors.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	45,000	28,000					73,000
Contingency							-
Totals:	45,000	28,000	-	-	-	-	73,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	45,000	28,000					73,000
Impact Fees							-
State Grant							-
Totals:	45,000	28,000	-	-	-	-	73,000



**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Sludge Tanks Drive Equipment **PROJECT NO.** 19-SEW-07

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Waste Water Treatment Facility  
20 Esmond Mill Drive

**DESCRIPTION AND JUSTIFICATION**

Replace/Upgrade the existing sludge storage tanks drive gear assemblies. Original replacement equipment no longer available.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	15,000	5,000					20,000
Construction							-
Equipment/Furnishings		50,000	50,000				100,000
Contingency							-
Totals:	15,000	55,000	50,000	-	-	-	120,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	15,000	55,000	50,000				120,000
Impact Fees							-
State Grant							-
Totals:	15,000	55,000	50,000	-	-	-	120,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** UST Replacement - AST Install **PROJECT NO.** 19-SEW-08

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Waste Water Treatment Facility  
20 Esmond Mill Drive

**DESCRIPTION AND JUSTIFICATION**

Remove the existing 5,000 gallon #2 Heating Oil Tank and replace with a suitable above ground storage tank.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	12,000						12,000
Construction		65,000					65,000
Equipment/Furnishings		35,000					35,000
Contingency							-
Totals:	12,000	100,000	-	-	-	-	112,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	12,000	100,000					112,000
Impact Fees							-
State Grant							-
Totals:	12,000	100,000	-	-	-	-	112,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** WWTF Buildings Upgrades **PROJECT NO.** 19-SEW-09

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Waste Water Treatment Facility  
20 Esmond Mill Drive

**DESCRIPTION AND JUSTIFICATION**

Replace deteriorated cast iron floor drain systems in various buildings. Replace Disc Filter building boiler. Add HVAC to chemical rooms. Evaluate and replace existing pipe support systems throughout solids building, chemical building and micro screen building. Remodel and upgrade WWTF bathroom and sanitary facilities.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		20,000	50,000	20,000	20,000	15,000	125,000
Contingency							-
Totals:	-	20,000	50,000	20,000	20,000	15,000	125,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority		20,000	50,000	20,000	20,000	15,000	125,000
Impact Fees							-
State Grant							-
Totals:	-	20,000	50,000	20,000	20,000	15,000	125,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Pump Station Electrical & Communication

**PROJECT NO.** 19-SEW-10

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Pump Stations Town Wide

**DESCRIPTION AND JUSTIFICATION**

Installation of instrumentation and communication equipment at the WWTF and the 12 pump stations to improve efficiency, data transmission and reliability of equipment communication to monitor signal controls on SCADA. Program end date is anticipated for 2028.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Contingency							-
Totals:	50,000	50,000	50,000	50,000	50,000	50,000	300,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Impact Fees							-
State Grant							-
Totals:	50,000	50,000	50,000	50,000	50,000	50,000	300,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Replace Hypochlorite Tanks

**PROJECT NO.** 19-SEW-11

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Waste Water Treatment Facility  
20 Esmond Mill Drive

**DESCRIPTION AND JUSTIFICATION**

Replace the existing hypochlorite tanks in the Microscreen Building.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	30,000						30,000
Contingency							-
Totals:	30,000	-	-	-	-	-	30,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	30,000						30,000
Impact Fees							-
State Grant							-
Totals:	30,000	-	-	-	-	-	30,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Sewer Security Fencing **PROJECT NO.** 19-SEW-12

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Waste Water Treatment Facility  
20 Esmond Mill Drive

**DESCRIPTION AND JUSTIFICATION**

Replace sections of the existing security perimeter chain link fence at the WWTF and at various pump stations town wide.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings					30,000		30,000
Contingency							-
Totals:	-	-	-	-	30,000	-	30,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority					30,000		30,000
Impact Fees							-
State Grant							-
Totals:	-	-	-	-	30,000	-	30,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Install Vortex Grit Removal System

**PROJECT NO.** 19-SEW-13

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Waste Water Treatment Facility  
20 Esmond Mill Drive

**DESCRIPTION AND JUSTIFICATION**

Install a new vortex grit removal system.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	20,000						20,000
Construction		125,000					125,000
Equipment/Furnishings		125,000					125,000
Contingency							-
Totals:	20,000	250,000	-	-	-	-	270,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	20,000	250,000					270,000
Impact Fees							-
State Grant							-
Totals:	20,000	250,000	-	-	-	-	270,000

## 2019-2024 CAPITAL IMPROVEMENTS PROGRAM PROJECT DETAIL

**PROJECT TITLE:** Stillwater Interceptor Upgrade **PROJECT NO.** 19-SEW-14

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Between Stillwater Road and Capron Road - Woonasquatucket River

### DESCRIPTION AND JUSTIFICATION

Plan, Design, Permit & Install an upgraded sewer main line to service the future growth corridor of Routes 7 & 116. Existing pipeline is a 15" main that services this part of the district. Due to development demand placed on the infrastructure and landscape of the Route 7 & 116 Corridor the need to upgrade the existing main to a larger size is present.

\*private developers will be required to pay a pro-rata share of the cost associated with this project through a utility impact assessment for this zone.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	185,000	50,000					235,000
Construction			500,000	250,000			750,000
Equipment/Furnishings							-
Contingency	15,000						15,000
Totals:	200,000	50,000	500,000	250,000	-	-	1,000,000

### PROPOSED METHOD OF FINANCING

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank			500,000	250,000			750,000
Water Supply Board							-
Sewer Authority*	200,000	50,000					250,000
Impact Fees							-
State Grant							-
Totals:	200,000	50,000	500,000	250,000	-	-	1,000,000



**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Camp Street Pump Station Upgrade **PROJECT NO.** 19-SEW-15

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Camp Street, off Waterman Avenue

**DESCRIPTION AND JUSTIFICATION**

Plan, Design, Permit & Install upgraded components at the Camp Street Sewer Pump Station to accommodate existing and future demands being placed on the pump station due to development in the collection system zone contributing to the station.

\*private developers will be required to pay a pro-rata share of the cost associated with this project through a utility impact assessment for this zone.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	50,000	50,000					100,000
Construction			300,000	100,000			400,000
Equipment/Furnishings							-
Contingency		15,000	20,000				35,000
Totals:	50,000	65,000	320,000	100,000	-	-	535,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank			140,000	100,000			240,000
Water Supply Board							-
Sewer Authority*	50,000	65,000	180,000				295,000
Impact Fees							-
State Grant							-
Totals:	50,000	65,000	320,000	100,000	-	-	535,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Whipple Avenue Pump Station Upgrade **PROJECT NO.** 19-SEW-16

**DEPARTMENT:** Sewer Authority

**PROJECT LOCATION:** Whipple Avenue at Cross Street

**DESCRIPTION AND JUSTIFICATION**

Plan, Design, Permit & Install upgraded components at the Whipple Avenue Sewer Pump Station to accommodate existing and future demands being placed on the pump station due to development in the collection system zone contributing to the station.

\*private developers will be required to pay a pro-rata share of the cost associated with this project through a utility impact assessment for this zone.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services		50,000	50,000				100,000
Construction				300,000	100,000		400,000
Equipment/Furnishings							-
Contingency			15,000	20,000			35,000
Totals:	-	50,000	65,000	320,000	100,000	-	535,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank			65,000	300,000			365,000
Water Supply Board							-
Sewer Authority*		50,000		20,000	100,000		170,000
Impact Fees							-
State Grant							-
Totals:	-	50,000	65,000	320,000	100,000	-	535,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Rocky Hill Rd Tank Replacement

**PROJECT NO.** 19-WTR-01

**DEPARTMENT:** Smithfield Water Supply Board

**PROJECT LOCATION:** Rocky Hill Rd

**DESCRIPTION AND JUSTIFICATION**

The nearly 60 year old 1 MG tank located on Rocky Hill Road is in need of over \$500,000 in rehabilitation. A cost analysis was performed and it was determined the most cost effective approach when comparing the life cycle of the asset is a replacement tank. A new 1 MG concrete tank is proposed as a replacement in the same location.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	200,000	180,000					380,000
Construction		3,000,000					3,000,000
Equipment/Furnishings							-
Contingency							-
Totals:	200,000	3,180,000	-	-	-	-	3,380,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank	100,000	3,180,000					3,280,000
Water Supply Board	100,000						100,000
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	200,000	3,180,000	-	-	-	-	3,380,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Rte. 116 / Lincoln Interconnection

**PROJECT NO.** 19-WTR-02

**DEPARTMENT:** Smithfield Water Supply Board

**PROJECT LOCATION:** George Washington Highway

**DESCRIPTION AND JUSTIFICATION**

Smithfield Water is reaching its maximum supply capacity during peak demands from the Longview Pump Station and interconnecting water mains. Development is steadily increasing and Smithfield Water will not be able to service new developments. An interconnection with Lincoln Water on Route 116 would provide an addition wholesale supply alternative. This interconnection would require a pump station as the Smithfield Water has a higher pressure gradient than Lincoln. Water Resources Board may qualify this project for a 50% grant match which is not shown in the figures below.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services	50,000	120,000					170,000
Construction			950,000				950,000
Equipment/Furnishings							-
Contingency							-
Totals:	50,000	120,000	950,000	-	-	-	1,120,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank		120,000	1,379,000				1,499,000
Water Supply Board	50,000						50,000
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	50,000	120,000	1,379,000	-	-	-	1,549,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Refurbish Island Woods Water Tank

**PROJECT NO.** 19-WTR-03

**DEPARTMENT:** Smithfield Water Supply Board

**PROJECT LOCATION:** Technology Way

**DESCRIPTION AND JUSTIFICATION**

In 2015 this 4 million gallon tank was inspected on both the exterior and interior. The inspection revealed the paint on both the inside and outside of the tank has nearly expired and there areas of exposed structural steel where paint blisters have ruptured. Rehabilitation of this 4 MG tank requires it to be taken out of service for a short time; tank drained; removal of all coatings; new coatings on all steel surfaces using A.N.S.I./N.P.F. 61 compliant coating; installation of a passive circulation system to reduce potential of stagnant water/water quality issues.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction				2,040,000			2,040,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	-	2,040,000	-	-	2,040,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank				2,040,000			2,040,000
Water Supply Board				-			-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	2,040,000	-	-	2,040,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Refurbish Burlingame Water Tank

**PROJECT NO.** 19-WTR-04

**DEPARTMENT:** Smithfield Water Supply Board

**PROJECT LOCATION:** Burlingame Road

**DESCRIPTION AND JUSTIFICATION**

In 2015 this 0.3 million gallon tank was inspected on both the exterior and interior. The inspection revealed the paint on outside of the tank has nearly expired and the paint on the interior of the tank has expired. The inside of the tank showed areas of exposed structural steel where paint blisters have ruptured.

Rehabilitation of this 0.3 MG tank requires it to be taken out of service for a short time; tank drained; removal of all coatings; new coatings on all steel surfaces using A.N.S.I./N.P.F. 61 compliant coating; installation of a passive circulation system to reduce potential of stagnant water/water quality issues.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction				330,000			330,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	-	330,000	-	-	330,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank				330,000			330,000
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	330,000	-	-	330,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Wireless SCADA System

**PROJECT NO.** 19-WTR-05

**DEPARTMENT:** Smithfield Water Supply Board

**PROJECT LOCATION:** System Wide

**DESCRIPTION AND JUSTIFICATION**

Upgrade existing phone line based telemetry to a licensed radio SCADA (Supervisory Control and Data Acquisition) system. The existing electronics are outdated and has had several malfunctions recently. In addition, the phone line system has been unreliable and can take days to repair when there is a problem. The new system would transmit data via radio signal and eliminate the need for phone lines. In addition, adjustments to the pump stations and tanks could be done remotely and immediately.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction		85,000					85,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	85,000		-	-	-	85,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board		85,000					85,000
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	85,000	-	-	-	-	85,000

**2019-2024 CAPITAL IMPROVEMENTS PROGRAM  
PROJECT DETAIL**

**PROJECT TITLE:** Pipe Installation **PROJECT NO.** 19-WTR-06

**DEPARTMENT:** Smithfield Water Supply Board

**PROJECT LOCATION:** System Wide

**DESCRIPTION AND JUSTIFICATION**

Installation of 4,800 linear feet of new water main on Douglas Pike and the installation of 6,900 linear feet of new 12-inch water main on Ridge Road and Limerock Road.

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
Land							-
Professional Services							-
Construction					1,900,000	2,300,000	4,200,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-		-	1,900,000	2,300,000	4,200,000

**PROPOSED METHOD OF FINANCING**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank					1,900,000	2,300,000	4,200,000
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	-	1,900,000	2,300,000	4,200,000



TOWN OF SMITHFIELD  
 CAPITAL IMPROVEMENT PROGRAM PLAN 2019-2024  
*Summary Table of Capital Improvement Projects*

				Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total	
CIP #	Office/Department	Location	Project Name	2019	2020	2021	2022	2023	2024	Capital	Funding Source
										Costs	
19-PD-01	Police Department	Police Department	Vehicle Replacement	130,000	130,000	130,000	130,000	130,000	130,000	780,000	Reserve Fund Equipment Account
19-PD-02	Police Department	Police Department	Traffic Messaging Signs	10,000	10,000	-	-	-	-	20,000	Reserve Fund Equipment Account
19-PD-03	Police Department	Police Department	Firearms Training Facility Construction	75,000	75,000	75,000	-	-	-	225,000	Reserve Fund Equipment Account
			<b>Totals - Police Department</b>	<b>215,000</b>	<b>215,000</b>	<b>205,000</b>	<b>130,000</b>	<b>130,000</b>	<b>130,000</b>	<b>1,025,000</b>	
19-FD-01	Fire Department	Station #3 - 15 Log Road	Station Security Cameras	12,000	-	-	-	-	-	12,000	Special Revenue
19-FD-02	Fire Department	Town-Wide	Vehicular Radio Repeaters	28,000	28,000	-	-	-	-	56,000	Special Revenue
19-FD-03	Fire Department	Ladder 1	Thermal Imaging Camera for Ladder 1	-	-	15,000	-	-	-	15,000	Special Revenue
19-FD-04	Fire Department	Town-Wide	Administrative Vehicle Replacement	-	33,000	-	35,000	-	37,000	105,000	Special Revenue
19-FD-05	Fire Department	Route 116 / Route 7 Vicinity	New Sub-Fire Station	5,542,427	-	-	-	-	-	5,542,427	General Obligation Bond
19-FD-06	Fire Department	All Fire Stations	Station Renovations and Improvements	510,077	3,793,169	810,883	1,455,619	-	-	6,569,748	General Obligation Bond
			<b>Totals - Fire Department</b>	<b>6,092,504</b>	<b>3,854,169</b>	<b>825,883</b>	<b>1,490,619</b>	<b>-</b>	<b>37,000</b>	<b>12,300,175</b>	
19-DPW-01	Public Works	Town-Wide	4x4 Dump Truck with Plow	65,000	65,000	-	65,000	-	65,000	260,000	General Fund
19-DPW-02	Public Works	Town-Wide	38,000 GVW Dump Truck with Plow	165,000	165,000	165,000	165,000	165,000	165,000	990,000	General Fund
19-DPW-03	Public Works	Town-Wide	Front End Loader	-	250,000	-	-	-	-	250,000	General Fund
19-DPW-04	Public Works	Town-Wide	4x4 Service Truck w/Plow	57,000	-	-	-	-	-	57,000	General Fund
19-DPW-05	Public Works	Town-Wide	Roadside Mower/Tractor	-	100,000	-	-	-	-	100,000	General Fund
19-DPW-06	Public Works	Town-Wide	Asset Management Program	60,000	-	-	-	-	-	60,000	General Fund / Water Supply Reserve
19-DPW-07	Public Works	Public Works Garage	New DPW Facility	-	-	-	250,000	7,500,000	-	7,750,000	General Obligation Bond
19-DPW-08	Public Works	Public Works Garage	DPW Equipment Storage Garage Repairs	10,000	70,000	-	-	-	-	80,000	General Fund
19-DPW-09	Public Works	Town-Wide	Sign Replacement	-	10,000	-	10,000	-	10,000	30,000	General Fund
19-DPW-10	Public Works	Town-Wide	Guardrail Replacement	20,000	20,000	20,000	20,000	20,000	20,000	120,000	General Fund
			<b>Totals - Public Works Department</b>	<b>377,000</b>	<b>680,000</b>	<b>185,000</b>	<b>510,000</b>	<b>7,685,000</b>	<b>260,000</b>	<b>9,697,000</b>	
19-PARK-01	Parks & Recreation	Whipple Field	Whipple Field Reconstruction	28,000	22,000	22,000	-	-	-	72,000	General Fund / Special Revenue
19-PARK-02	Parks & Recreation	Whipple Field	Entrance and Parking	10,000	150,000	-	-	-	-	160,000	General Fund / Special Revenue
19-PARK-03	Parks & Recreation	Burgess Field	Burgess Field Re-Hab	-	28,000	-	-	-	-	28,000	General Fund
19-PARK-04	Parks & Recreation	Deerfield Park	Deerfield Park Irrigation Replacement and Expansion	10,000	40,000	-	-	-	-	50,000	General Fund / Special Revenue
19-PARK-05	Parks & Recreation	Deerfield Park	Deerfield Park Parking Lot Expansion	10,000	160,000	-	-	-	-	170,000	General Fund
19-PARK-06	Parks & Recreation	Deerfield Park	New Facility	30,000	200,000	-	-	-	-	230,000	General Fund
19-PARK-07	Parks & Recreation	Town-Wide	Compact Tractor/Loader	35,000	-	-	-	-	-	35,000	General Fund
19-PARK-08	Parks & Recreation	Deerfield Park	LED Light Conversion	35,000	-	-	-	-	-	35,000	General Fund
19-PARK-09	Parks & Recreation	Town-Wide	Rotary Mower	95,000	-	-	-	-	-	95,000	General Fund
			<b>Totals - Parks &amp; Recreation</b>	<b>253,000</b>	<b>600,000</b>	<b>22,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>875,000</b>	
19-SC-01	Senior Center	Senior Center	Boiler Replacement	30,000	-	-	-	-	-	30,000	General Fund
19-SC-02	Senior Center	Senior Center	Roof and Building Repairs	-	60,000	-	-	-	-	60,000	General Fund
19-SC-03	Senior Center	Town-Wide	Senior Van Purchase	28,000	28,000	28,000	-	-	-	84,000	General Fund
			<b>Totals - Senior Center</b>	<b>58,000</b>	<b>88,000</b>	<b>28,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>174,000</b>	
19-SCH-01	School Department	School Administration Building & Town-Wide	Renovations, Improvements and Repairs	100,000	-	275,000	-	-	-	375,000	General Fund / General Obligation Bond
19-SCH-02	School Department	Smithfield High School	Renovations, Improvements and Repairs	1,682,754	16,914,800	3,945,580	1,617,500	200,000	-	24,360,634	General Fund / General Obligation Bond
19-SCH-03	School Department	Gallagher Middle School	Renovations, Improvements and Repairs	585,669	5,561,000	1,489,800	711,500	552,400	-	8,900,369	General Fund / General Obligation Bond
19-SCH-04	School Department	LaPerche Elementary School	Renovations, Improvements and Repairs	2,157,550	662,150	3,012,750	137,000	-	-	5,969,450	General Fund / General Obligation Bond
19-SCH-05	School Department	McCabe Elementary School	Renovations, Improvements and Repairs	307,005	2,940,280	1,256,480	265,900	-	-	4,769,665	General Fund / General Obligation Bond
19-SCH-06	School Department	Old County Road Elementary School	Renovations, Improvements and Repairs	2,069,767	1,157,800	2,230,100	214,000	25,000	-	5,696,667	General Fund / General Obligation Bond
19-SCH-07	School Department	Winsor Elementary School	Renovations, Improvements and Repairs	1,696,572	1,025,240	1,913,500	172,100	-	-	4,807,412	General Fund / General Obligation Bond
			<b>Totals - School Department</b>	<b>8,599,317</b>	<b>28,261,270</b>	<b>14,123,210</b>	<b>3,118,000</b>	<b>777,400</b>	<b>-</b>	<b>54,879,197</b>	
19-ESPL-01	East Smithfield Public Library	50 Esmond Street	New East Smithfield Public Library	20,000	-	-	9,900,000	-	-	9,920,000	General Fund / General Obligation Bond
19-ESPL-02	East Smithfield Public Library	50 Esmond Street	New Roof	71,429	-	-	-	-	-	71,429	General Fund
19-ESPL-03	East Smithfield Public Library	50 Esmond Street	LED Lighting Upgrade	31,079	-	-	-	-	-	31,079	General Fund
			<b>Totals - East Smithfield Public Library</b>	<b>122,508</b>	<b>-</b>	<b>-</b>	<b>9,900,000</b>	<b>-</b>	<b>-</b>	<b>10,022,508</b>	
19-GL-01	Greenville Public Library	573 Putnam Pike, Greenville	Greenville Public Library Expansion	-	-	-	9,713,471	-	-	9,713,471	General Obligation Bond
			<b>Totals - Greenville Public Library</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,713,471</b>	<b>-</b>	<b>-</b>	<b>9,713,471</b>	

TOWN OF SMITHFIELD  
CAPITAL IMPROVEMENT PROGRAM PLAN 2019-2024  
*Summary Table of Capital Improvement Projects*

				Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Total	
CIP #	Office/Department	Location	Project Name	2019	2020	2021	2022	2023	2024	Capital Costs	Funding Source
19-TA-01	Town Administration	TBD	Land Purchase	2,500,000	-	-	-	-	-	2,500,000	General Obligation Bond
19-TA-02	Town Administration	Town Hall	Technology Upgrades	65,000	55,000	65,000	-	-	-	185,000	General Fund
19-TA-03	Town Administration	Town-Wide	GIS Mapping	20,000	-	20,000	-	-	-	40,000	General Fund
19-TH-01	Town Hall	Town Hall	Town Hall Renovations	30,000	30,000	20,000	-	-	-	80,000	General Fund
19-TH-02	Town Hall	Town Hall	Vehicle Replacement	30,000	30,000	-	-	-	-	60,000	General Fund
19-TH-03	Town Hall	Town Hall	Handicap Accessibility Ramp	140,000	-	-	-	-	-	140,000	General Fund
19-TH-04	Town Hall	Town Hall	New and Rehab Parking Area	155,000	-	-	-	-	-	155,000	General Fund
19-TH-05	Town Hall	Town Hall	Town Hall Scanner/Copier/Printer	20,000	-	-	-	-	-	20,000	General Fund
19-TH-06	Town Hall	Town Hall	HVAC	-	140,000	40,000	40,000	-	-	220,000	General Fund
			<b>Totals - Town Hall &amp; Town Administration</b>	<b>2,960,000</b>	<b>255,000</b>	<b>145,000</b>	<b>40,000</b>	<b>-</b>	<b>-</b>	<b>3,400,000</b>	
19-ENG-01	Engineering	Esmond Mill Drive at Woonasquatucket River	Esmond Mill Drive Bridge Replacement	75,000	50,000	700,000	750,000	775,000	-	2,350,000	General Fund / RI Infrastructure Bank
19-ENG-02	Engineering	Thurber Blvd. From Douglas Pike to Stillwater RD	Thurber Boulevard Sidewalk Project	-	45,000	-	525,000	-	-	570,000	General Fund / State Grant
19-ENG-03	Engineering	Town-Wide Storm Water Systems	RIPDES Storm Water Program	35,000	35,000	40,000	40,000	40,000	40,000	230,000	General Fund
19-ENG-04	Engineering	Indian Run Trail, Wampum Trail & Black Hawk	Indian Run Sidewalk Project	40,000	60,000	-	250,000	250,000	-	600,000	General Fund
19-ENG-05	Engineering	Whitman Street & Fenwood Avenue	Whitman-Fenwood Sidewalk Improvements	-	25,000	50,000	200,000	150,000	500,000	925,000	General Fund
19-ENG-06	Engineering	Capron & Stillwater Road	Capron Road Sidewalk Project	-	-	10,000	75,000	50,000	-	135,000	General Fund
19-ENG-07	Engineering	4 Julien Street	Julien Street - Culvert Replacement	-	-	-	25,000	150,000	100,000	275,000	General Fund
19-ENG-08	Engineering	Tarklin Road @ Nine Foot Brook	Tarklin Road - Culvert Replacement	10,000	45,000	15,000	-	-	-	70,000	General Fund
19-ENG-09	Engineering	Cross Street Improvements Project	Cross Street, between Whipple Ave & Stillwater Road	-	25,000	150,000	85,000	-	200,000	460,000	General Fund
19-ENG-10	Engineering	Stillwater Road from Homestead Ave to River Road	Stillwater Road Sidewalk Project	-	25,000	25,000	130,000	-	-	180,000	General Fund / State Grant
			<b>Totals - Engineering Department</b>	<b>160,000</b>	<b>310,000</b>	<b>990,000</b>	<b>2,080,000</b>	<b>1,415,000</b>	<b>840,000</b>	<b>5,795,000</b>	
19-ICE-01	Ice Rink	Ice Rink	New Ice Resurfacing Machine (Zamboni)	-	-	150,000	-	-	-	150,000	Ice Rink Reserve Fund
19-ICE-02	Ice Rink	Ice Rink	New Desiccant Dehumidification System	-	100,000	-	-	-	-	100,000	Ice Rink Reserve Fund
19-ICE-03	Ice Rink	Ice Rink	New Ice Resurfacer Garage	-	-	250,000	-	-	-	250,000	Ice Rink Reserve Fund
19-ICE-04	Ice Rink	Ice Rink	Ice Rink Parking Lot Replacement	-	-	-	450,000	-	-	450,000	Ice Rink Reserve Fund
19-ICE-05	Ice Rink	Ice Rink	New Ice Rink Locker Room	-	-	-	-	500,000	-	500,000	Ice Rink Reserve Fund
19-ICE-06	Ice Rink	Ice Rink	New Ice Rink Lobby & Conference Room	-	-	-	-	-	500,000	500,000	Ice Rink Reserve Fund
			<b>Totals - Ice Rink</b>	<b>-</b>	<b>100,000</b>	<b>400,000</b>	<b>450,000</b>	<b>500,000</b>	<b>500,000</b>	<b>1,950,000</b>	
19-SEW-01	Sewer Authority	Latham Farm Road Pump Station	Latham Farm Pump Station Generator	11,000	85,000	-	-	-	-	96,000	Sewer Authority Reserve Fund
19-SEW-02	Sewer Authority	Wastewater Treatment Facility	WWTF Primary Tank Cover	40,000	250,000	-	-	-	-	290,000	Reserve Fund / RI Infrastructure Bank
19-SEW-03	Sewer Authority	Town-Wide Sewer System	Sanitary Sewer Evaluation Study	290,000	290,000	290,000	290,000	290,000	240,000	1,690,000	Sewer Authority Reserve Fund
19-SEW-04	Sewer Authority	Wastewater Treatment Facility	Emergency Exit Lighting	30,000	-	-	-	-	-	30,000	Sewer Authority Reserve Fund
19-SEW-05	Sewer Authority	Wastewater Treatment Facility	WWTF HVAC	15,000	15,000	15,000	-	-	-	45,000	Sewer Authority Reserve Fund
19-SEW-06	Sewer Authority	Wastewater Treatment Facility	Primary Effluent Tank Cross Collectors	45,000	28,000	-	-	-	-	73,000	Sewer Authority Reserve Fund
19-SEW-07	Sewer Authority	Wastewater Treatment Facility	Sludge Tank Drive Equipment	15,000	55,000	50,000	-	-	-	120,000	Sewer Authority Reserve Fund
19-SEW-08	Sewer Authority	Wastewater Treatment Facility	Underground Storage Tank Replacement - AST Install	12,000	100,000	-	-	-	-	112,000	Sewer Authority Reserve Fund
19-SEW-09	Sewer Authority	Wastewater Treatment Facility	WWTF Buildings Upgrades	-	20,000	50,000	20,000	20,000	15,000	125,000	Sewer Authority Reserve Fund
19-SEW-10	Sewer Authority	Pump Stations Town-Wide	Pump Station Electrical & Communication	50,000	50,000	50,000	50,000	50,000	50,000	300,000	Sewer Authority Reserve Fund
19-SEW-11	Sewer Authority	Wastewater Treatment Facility	Replace Hypochlorite Tanks	30,000	-	-	-	-	-	30,000	Sewer Authority Reserve Fund
19-SEW-12	Sewer Authority	Wastewater Treatment Facility	Sewer Security Fencing	-	-	-	-	30,000	-	30,000	Sewer Authority Reserve Fund
19-SEW-13	Sewer Authority	Wastewater Treatment Facility	Install Vortex Grit Removal System	20,000	250,000	-	-	-	-	270,000	Sewer Authority Reserve Fund
19-SEW-14	Sewer Authority	Between Stillwater Road and Capron Road	Stillwater Interceptor Upgrade	200,000	50,000	500,000	250,000	-	-	1,000,000	Reserve Fund / RI Infrastructure Bank
19-SEW-15	Sewer Authority	Camp Street, off Waterman	Camp Street Pump Station Upgrade	50,000	65,000	320,000	100,000	-	-	535,000	Reserve Fund / RI Infrastructure Bank
19-SEW-16	Sewer Authority	Whipple Avenue at Cross Street	Whipple Avenue Pump Station Upgrade	-	50,000	65,000	320,000	100,000	-	535,000	Reserve Fund / RI Infrastructure Bank
			<b>Totals - Sewer Authority</b>	<b>808,000</b>	<b>1,308,000</b>	<b>1,340,000</b>	<b>1,030,000</b>	<b>490,000</b>	<b>305,000</b>	<b>5,281,000</b>	
19-WTR-01	Water Supply Board	Rocky Hill Road	Rocky Hill Road - Tank Replacement	200,000	3,180,000	-	-	-	-	3,380,000	Reserve Fund / RI Infrastructure Bank
19-WTR-02	Water Supply Board	George Washington Highway	Route 116 / Lincoln Interconnection	50,000	120,000	1,379,000	-	-	-	1,549,000	Reserve Fund / RI Infrastructure Bank
19-WTR-03	Water Supply Board	Technology Way	Refurbish Island Woods Water Tank	-	-	-	2,040,000	-	-	2,040,000	Rhode Island Infrastructure Bank
19-WTR-04	Water Supply Board	Burlingame Road	Refurbish Burlingame Road Water Tank	-	-	-	330,000	-	-	330,000	Rhode Island Infrastructure Bank
19-WTR-05	Water Supply Board	System-Wide	Wireless SCADA System	-	85,000	-	-	-	-	85,000	Water Supply Reserve Fund
19-WTR-06	Water Supply Board	System-Wide	Pipe Installation	-	-	-	-	1,900,000	2,300,000	4,200,000	Rhode Island Infrastructure Bank
			<b>Totals - Water Supply Board</b>	<b>250,000</b>	<b>3,385,000</b>	<b>1,379,000</b>	<b>2,370,000</b>	<b>1,900,000</b>	<b>2,300,000</b>	<b>11,584,000</b>	
			<b>OVERALL TOTALS</b>	<b>19,895,329</b>	<b>39,056,439</b>	<b>19,643,093</b>	<b>30,832,090</b>	<b>12,897,400</b>	<b>4,372,000</b>	<b>126,696,351</b>	